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ABSTRACT

This bibliographic guide to water resources materials provides a guide to reference materials in the field. Of the 411 references to individual publications or services, 46 percent are government publications or services sponsored by government agencies. Reference materials reviewed include: guides to the literature; dictionaries; encyclopedias; thesauri; handbooks; statistical sources; atlases and maps; standards; bibliographies; annual review publications; information services; directories; selected federal government series; selected state publications; and serial lists. Author, key word subject, and selected title indices conclude this publication. (BT)

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Water Resources

Valerie Hunter Ralston

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A Bibliographic Guide to Reference Sources

The University of Connecticut Library, Storrs
Bibliography Series, Number 2

Institute of Water Resources
The University of Connecticut, Report Number 23

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January, 1975

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FOREWORD

The need for water is universal. As a consequence, the literature concerning this vital resource is not only vast but distributed among a great variety of disciplines. During the past two years Mrs. Valerie Ralston has labored diligently to make this information more readily accessible to scholars.

In this endeavor she has had the constant encouragement of the Institute of Water Resources through its Executive Committee and my predecessor, Dr. William C. Kennard. The Institute is pleased and proud to have assisted in making this extremely useful document available to the public.

September 18, 1974

Victor E. Scottron
Director
The Institute of Water Resources

INTRODUCTION

During the fall of 1972 members of the Executive Committee of the Institute of Water Resources approached The University of Connecticut Library administration to determine how materials in their field, and especially publications of the other Water Resources Research Institutes around the country, were being handled by the Library. They were also interested in access to these materials as the numbers of publications were expected to increase markedly in the next few years.

As an outgrowth of these early conversations, the Library offered to put together a guide to water resources materials at The University of Connecticut Library. Bibliographic work was begun in early 1973 and completed in the spring of 1974. As the research progressed, emphasis was placed on providing a guide to reference materials and in this way outlining the literature of the field, rather than on producing a subject approach to individual items in the collection.

Upon completion, it was decided to omit repeated mention of The University of Connecticut Library collection as it was felt the bibliography might appeal to a wider audience. Very few references are included, however, which are not part of our collection. Call numbers (e.g. Ref Z7401 J4 1969), Superintendent of Document numbers (e.g. Govt. Pub. Dept. (I 19.13:1900)), and information necessary to locate materials in the Readex Microprint collection of non-depository U.S. government documents (e.g. non-depository microprint MC 72:15333 - Monthly Catalog of United States Government Publications 1972, item number 15333) are included in order to locate the material in the University of Connecticut Wilbur Cross Library collection.

Of the 411 references to individual publications or services, 46% are government publications or services sponsored by government agencies. This emphasizes the importance of the government both federal and state as far as the literature and the sponsoring of research is concerned.

I would like to thank the members of the Government Publications Department, my fellow Reference Librarians, and the other members of the Reference Department staff for their help and patience. It is hoped that this bibliography will serve as an educational resource for students, faculty and other researchers in the field of water resources.

V.H. Ralston
September 5, 1974

TABLE OF CONTENTS

page

Guides to the literature 9

Dictionaries 12

Encyclopedias 15

Thesauri 16

Handbooks 17

Statistics sources

- Guides to statistics literature 22
- Statistics - Water 23
- Statistics - Related to water 30

Atlases and maps 33

- Indexes to maps 38

Standards 40

Bibliographies

- Indexing and abstracting services 45
- Bibliographies of bibliographies 62
- Library catalogs 65
- Specialized bibliographies 67
- Dissertations and masters' theses 79

Annual review publications 83

Information services 85

Directories

Organizations, agencies, companies 87

People 89

Research centers and research projects . . . 91

Schools 94

Selected federal government series 97

Selected state publications

Water Resources Research Institutes, publications 100

Agricultural and Engineering Experiment Stations publications 100

Major water resource studies 100

Serial lists 103

Water resources serials, selected list 104

Indexes

Author index 111

Key word subject and selected title index . 114

The publication of this report was supported by funds provided by the United States Department of Interior as authorized under the Water Resources Research Act of 1964, Public Law 88-379.

Guides to the literature

AGRICULTURAL SCIENCES

1 **Literature of agricultural research.** J. Richard Blanchard and H. Ostvold. Berkeley and Los Angeles, Univ. of Calif. Pr., 1958.
Ref Z5071 B5

2 **Survey of abstracting services and current bibliographical tools in agriculture, forestry, fisheries, nutrition, veterinary medicine and related subjects.** Edited by Sigmund v. Frauendorfer. Munchen, Basel, Wien, BLV Verlagsgesellschaft, 1969.
Ref Z5071 A1 F66

BIOLOGICAL SCIENCES

3 **Botanical bibliographies; a guide to bibliographic materials applicable to botany.** Lloyd H. Swift. Minneapolis, Burgess Pub. Co., 1970.
Ref Z5351 A1 S8

4 **Guide to the literature of the zoological sciences.** Roger C. Smith and Reginald H. Painter. 7th ed. Minneapolis, Burgess Pub. Co., 1967.
Ref Z7991 S5 1967

BUSINESS

5 **Encyclopedia of business information sources,** a detailed listing of primary subjects of interest to managerial personnel, with a record of sourcebooks, periodicals, organizations, directories, handbooks, bibliographies, and other sources of information on each topic. Paul Wasserman, et al. Detroit, Gale Research Company, 1970. 2 v. v. 1: General subjects v. 2: Geographic index.
Ref index table E
HF5353 E52 v. 1-2

Subjects of interest:

Fish industry	Tunafish industry
Fisheries	Waste products

Hydraulic engineering	Water
Hydraulics	Water conservation
Oceanographic industries	Water pollution
Oyster industry	Water power
Parks	Water purification
Pesticide industry	Water resources development
Salmon industry	Water supply
Sanitation industries	Water works
Shellfish industry	Wildlife conservation

ENGINEERING

6 **Guide to literature on civil engineering.** Compiled by Rita McDonald. Washington, American Society for Engineering Education, Engineering School Libraries Division, 1972.
Ref Z5851 M32

7 **How to find out about engineering.** S.A.J. Parsons. Oxford, N.Y., Pergamon Pr., 1972. Ref TA10 P37 1972

8 **A survey of indexing and abstracting services for water resources engineering.** Hans (Hanan) Wellisch. College Park, Md., Water Resources Research Center, (1972)
Govt. Publ. Dept.
(20 - W31.6:no. 11)

ENVIRONMENT

9 **Annual directory of environmental information sources.** Edited by Charles E. Thibeau and Peter W. Taliaferro. 2d ed. Boston, National Foundation for Environmental Control, 1972.
Ref HC110 E5 A7 1972

10 **Environmental information sources: engineering and industrial applications; a selected annotated bibliography.** Carole Schildhauer. N.Y., Special Libraries Association, 1972.
Ref Z5863 E57 S34

GEOLOGICAL SCIENCES

11 **Geologic reference sources; a subject and regional bibliography to publications and maps in the geological sciences.** Dederick C. Ward and Marjorie W. Wheeler. With a section on geologic maps by Mark W. Pangborn, J Metuchen N.J., Scarecrow Pr., 1972.
Ref Z6031 W35 1972

12 **Guide to geologic literature.** Richard M. Pearl. N.Y., McGraw, 1951. Ref Z6031 P4

13 **A guide to information sources in mining, minerals, and geosciences.** Edited by Stuart R. Kaplan. N.Y., Interscience, 1965. Ref Z6031 K27

OCEANOGRAPHY

14 **Oceanography information sources; a staff report.** National Research Council, Committee on Oceanography. Washington, D.C., National Academy of Sciences, National Research Council, 1966. Ref GC37.5 N3

See also:

15 **Pathfinders** – two page guides to the literature in specific fields available at Ref Desk

Civil engineering - Coastal engineering - beach erosion
Civil engineering - Ground water seepage
Civil engineering - Harbor design
Civil engineering - Salinity intrusion
Civil engineering - Sediment transport
Civil engineering - Water distribution systems

Pollution - Water pollution, biological filtration
Pollution - Water pollution, standards/legislation - U.S. 1965-

Wastewater treatment - Activated sludge process
Wastewater treatment - Electrodialysis
Wastewater treatment - Foam fractionation
Wastewater treatment - Sedimentation

Water pollution - Mercury
Water pollution - Monitoring water quality
Water pollution - Oil containment
Water pollution - Radioactive materials
Water pollution - Thermal pollution

Dictionaries

16 **Definitions of selected ground-water terms - revisions and conceptual refinements.** S.W. Lohman, et al. U.S. Dept. of the Interior, Geological Survey. Wash., D.C., GPO, 1972. (U.S. Geological Survey water-supply paper 1988)

Govt. Publ. Dept.
(I 19.13:1988)

Includes symbols, tables and selected references.

17 **Dictionary of water and sewage engineering.** Compiled by Fritz Meinck and Helmut Möhle. Amsterdam, N.Y., Elsevier Pub. Co., 1963. Ref TD9 M34

German, English, French, and Italian.

18 **Elsevier's dictionary of hydrogeology; in three languages; English, French, German.** Hans-Olaf Pfannkuch. Amsterdam, N.Y., Elsevier Pub. Co., 1969. Ref GB1003 P46

19 **Encyclopedia of geochemistry and environmental sciences.** Edited by Rhodes W. Fairbridge. N.Y., Van Nostrand Reinhold, 1972. Ref QE515 F24

Contains a detailed subject index, bibliographies, and cross references.

20 **Encyclopedia of geomorphology.** Edited by Rhodes W. Fairbridge. N.Y., Reinhold Book Corp., 1968. Ref GB10 F3

21 **Encyclopedia of hydraulics, soil and foundation engineering.** Ernst Vollmer. N.Y., American Elsevier Pub. Co., 1967. Ref TC9 V6

Appendix II: "Symbols used in soil and foundation engineering"
Appendix III: "Recommended abbreviations"
Appendix IV: "Conversion factors"

22 **The encyclopedia of marine resources.** Edited by Frank E. Firth. N.Y., Van Nostrand Reinhold, 1969.

Ref SH201 F56 1969

Includes bibliographies, illustrations and maps.

23 **Encyclopedia of oceanography.** Edited by Rhodes W. Fairbridge. N.Y., Reinhold Pub., Co., 1966. Ref GC9 F3

24 **Glossary: water and wastewater control engineering.** Prepared by a joint editorial board representing the American Public Health Association, et al. Wm. T. Ingram, chairman. N.Y., American Public Health Assoc., 1969. Ref TD9 G55

25 **Glossary of ocean science and undersea technology terms:** an authoritative compilation of over 3,500 engineering and scientific terms used in the field of underwater sound, oceanography, marine sciences, underwater physiology and ocean engineering. Edited by Lee M. Hunt and Donald G. Groves. Arlington, Va., Compass Publishers, 1965.

Ref GC9 H85

26 **Glossary of oceanographic terms: with a list of sources.** Edited by B.B. Baker, W.R. Deebel and R.D. Geisenderfer. U.S. Naval Oceanographic Office. 2d ed. Wash., D.C., GPO, 1966. (Special Publ. no. SP-35) Govt. Publ. Dept. (D203.22/3:35)

In addition to the dictionary section, abbreviations, acronyms, and oceanographic institutions, agencies, activities and groups are listed.

27 **Glossary of water resource terms.** Olga Adler Titelbaum. Rockville, Md., U.S. Environmental Protection Agency, Water Programs Office, 1970. MC 73:24101 non-depository microprint

28 **Lake terminology.** Jethro O. Veatch and C.R. Humphrys. East Lansing, Dept. of Resource Development, Agricultural Experiment Station, Michigan State University, 1964.

551.482 V481

29 **National catalog of practices and measures used in soil and water conservation.** U.S. Dept. of Agriculture, Soil Conservation Service. Revised. Wash., D.C., GPO, 1959. Govt. Publ. Dept. (A57.2:P 88/959)

30 **The New York Times encyclopedic dictionary of the environment.** Paul Sarnoff. N.Y., Quadrangle Books, 1971.
Ref TD173 S37

Includes some charts, diagrams, and illustrations.

31 **Standard encyclopedia of the world's rivers and lakes.** Edited by Kay Greenwell and Anthony Huxley. N.Y., Putnam, 1966.
Ref GB1203 G73 1966

Includes illustrations and maps, both partly colored.

32 **Technical dictionary of heating, ventilation, sanitary engineering;** containing about 5,300 technical terms. Edited by Wolfgang Lindeke. Oxford, N.Y., Pergamon Pr., 1970.
Ref TH9 T43

Alphabetical sections in English, German, French and Russian giving word in other languages; no definitions.

33 **Waste disposal dictionary.** Walter E. Kaupert. N.Y., American Elsevier Pub. Co., 1966. Ref TD9 K3

34 **Water and water use terminology.** Jethro O. Veatch and C.R. Humphrys. Kaukauna, Wis., Thomas Print and Pub. Co., 1966.
Ref TD392 V36

35 **Waves, tides, currents, and beaches; glossary of terms and list of standard symbols.** Robert L. Wiegel. N.p., Council on Wave Research, Engineering Foundation, 1953.
Ref GC9 W5

Encyclopedias

36 **Encyclopedia of chemical technology.** Editorial Board: Herman F. Mark, chairman, J.J. McKetta, Jr., and D.F. Othmer. 2d ed. completely revised. N.Y., Interscience, 1963- 22v., plus supplement published in 1971. Index to v.1-22 and the supplement published in 1972. Ref TP9 E685

37 **McGraw-Hill encyclopedia of science and technology;** an international reference work. 3d ed. N.Y., McGraw-Hill, 1971. 15 v. Ref Q121 M3 1971

Includes detailed index.

See also:

38 **Water encyclopedia;** a compendium of useful information on water resources. Edited by David Keith Todd. Port Washington, N.Y., Water Information Center, 1970. Ref TD351 T63

Emphasis is on data rather than on discussion of information.

Thesauri

39 **Thesaurus of water resources terms**, a collection of water resources and related terms for use in indexing technical information. U.S. Dept. of the Interior, Bureau of Reclamation. Wash., D.C., GPO, 1971. Govt. Publ. Dept. (I27.2:T34)

40 **Water resources thesaurus**, a vocabulary for indexing and retrieving the literature of water resources research and development. U.S. Dept. of the Interior, Office of Water Resources Research. Wash., D.C., GPO, 1966. Govt. Publ. Dept. (I 1.2:W29/2)

Handbooks

41 **CRC handbook of environmental control.** Edited by Richard G. Bond and Conrad P. Straub. Cleveland, Ohio, Chemical Rubber Company, 1972- Ref TD145 C2 v.1-

v.1: Air pollution
v.2: Solid waste
v.3: Water supply and treatment

Sources and quality	Biological control in water supply systems
Needs	
Quality criteria	Recreational waters
Water treatment	Analytical methods
Water distribution	Monitoring

Detailed subject index provided; also includes list of acronyms and conversion factors.

42 **The complete ecology fact book.** Edited by Philip Nobile and John Deedy. Garden City, N.Y., Doubleday & Co., 1972. Ref TD174 N6

Sections on population, endangered species, pollution, detergents, food, pesticides, non-renewable mineral wastes, solid wastes; includes a glossary and an index.

43 **Determination of fluoride pollutants in natural waters using known addition technique.** Theodore B. Warner. Wash., D.C., U.S. Defense Dept., Naval Research Office, 1970. MC 71:10084 non-depository microprint

_____. Change 1. 1971. MC 72:1982 non-depository microprint

44 **Ground water and wells; a reference book for the water well industry.** Edward E. Johnson Inc. Saint Paul, 1966. 628.11 J621g

45 **Handbook for analytical quality control in water and wastewater laboratories.** Analytical Quality Control Lab., National Environmental Research Center, Cincinnati, Ohio. U.S. Environmental Protection Agency, Technology Transfer. Wash., D.C., GPO, 1972. Govt. Publ. Dept. (EP7.8:W29)

46 **Handbook of applied hydraulics.** Edited by Calvin V. Davis. 3d ed. N.Y., McGraw-Hill, 1969. Ref TC145 D3 1969

47 **Handbook of applied hydrology**; a compendium of water-resources technology. Edited by Ven Te Chow. N.Y., McGraw-Hill, 1964. Ref GB661 C56

48 **Handbook of chlorination**; for potable water, waste-water, cooling water, industrial processes and swimming pools. George C. White. N.Y., Van Nostrand Reinhold, 1972. TD462 W47

49 **Handbook of hydraulics.** Horace W. King and Ernest F. Brater. 5th ed. N.Y., McGraw-Hill, 1963. 532.9 K582h 1963

50 **Hydrographic data book.** John C. Stevens. Revised by the staff of Leupold and Stevens Instruments, Inc. 7th ed. Portland, Ore., Leupold and Stevens, 1968. TC151 S74

51 **Industrial pollution control handbook.** Edited by Herbert F. Lund. N.Y., McGraw-Hill, 1971. TD897 I42

52 **Interfacial properties of water solutions.** John C. Berg. U.S. Dept. of the Interior, Office of Saline Water. Wash., D.C., GPO, 1971. (Research and development progress report 724) Govt. Publ. Dept. (I 1.88:724)

53 **A manual of sea water analysis; with special reference to the more common micronutrients and to particulate organic material.** J.D.H. Strickland and T.R. Parsons. 2d ed. rev. Ottawa, Fisheries Research Board of Canada, 1965. (Canada. Fisheries Research Board. Bulletin no. 125) Govt. Publ. Dept. (Can 1-Fi103:125)

54 **Manual on water.** American Society for Testing and Materials, Committee D-19 on Water. 3d ed. Philadelphia, ASTM, 1969. (ASTM special technical publication no. 442) TD353 A6 1969

55 **Municipal and rural sanitation.** V.M. Ehlers and E.W. Steel. 6th ed. N.Y., McGraw-Hill, 1965. 614 Eh56m 1965

56 **Pesticide handbook.** State College, Pa., College Science Publishers. Annual.
Pharmacy Library
SB951 P4 (1971 ed.)

57 **Pollution control handbook.** Park Ridge, N.J., Noyes Data Corp., 1970-
TD172 P655

58 **Register of dams in the United States, completed, under construction and proposed.** Sponsored by the United States Commission of the International Commission on Large Dams. Compiled and edited by T.W. Mermel. N.Y., McGraw-Hill, 1958.
Ref TC558 U6 M4

Alphabetically arranged by name of dam giving location, year completed, type, structural height, length of crest, volume content of dam, reservoir name, reservoir capacity, purpose, installed power capacity, owner, engineering by, construction by; includes illustrations of dams, one hundred highest dams and list of reservoirs created by dams.

59 **Saline water conversion, engineering data book.** M.W. Kellogg Co., Piscataway, N.J. U.S. Dept. of the Interior, Office of Saline Water. 2d ed. Wash., D.C. GPO, 1971.
Govt. Publ. Dept.
(I 1.77/2:Sa3/971)

60 **Selected techniques in water resources investigations, 1965.** Compiled by Glennon N. Mesnier and Edith Becker Chase. U.S. Dept. of the Interior, Geological Survey. Wash., D.C., GPO, 1966. (U.S. Geological Survey water-supply paper 1822)
Govt. Publ. Dept.
(I 19.13:1822)

61 **Solute properties of water.** Sherril D. Christian and H.E. Affsprung. U.S. Dept. of the Interior, Office of Saline Water. Wash., D.C., GPO, 1968. (Research and development progress report 301)
Govt. Publ. Dept.
(I 1.88:301)

_____. Part 2. S.D. Christian. 1971.
(I 1.88:706)

62 **Standard handbook for civil engineers.** Frederick S. Merritt. N.Y., McGraw-Hill, 1968.
Ref TA151 S8

63 **Standard methods for the examination of water and wastewater.** American Public Health Association. 12th ed. N.Y., 1965.
543.3 Am 351s

64 **Structure and properties of water and aqueous solutions.** J.A. Barker and D. Henderson. U.S. Dept. of the Interior, Office of Saline Water. Wash., D.C., GPO, 1972. (Research and development progress report 773)

Govt. Publ. Dept.
(I 1.88:773)

65 **Techniques of water-resources investigations of the United States Geological Survey.** U.S. Dept. of the Interior, Geological Survey. Wash., D.C., GPO, 1967- Irregular.

Govt. Publ. Dept.
(I 19.15/5: book no./chap. no.)

Published in sections called chapters. Each chapter deals with a specific aspect of the following topics:

Book 2: Collection of environmental data.
Book 3: Applications of hydraulics.
Book 4: Hydrologic analysis and interpretation.
Book 5: Laboratory analysis.
Book 7: Automated data processing and computations.
Book 8: Instrumentation.

Indexing is provided in the **Monthly Catalog**, see no. 169 of this bibliography.

66 **Thermophysical properties of saline water.** Alexander Korosi and Bela M. Fabuss. U.S. Dept. of the Interior, Office of Saline Water. Wash., D.C., GPO, 1968. (Research and development progress report 363)

Govt. Publ. Dept.
(I 1.88:363)

67 **Thermophysical properties of water to 1,000°C and 10,000 bars.** C. Wayne Burnham, John R. Holloway and Nicholas F. Davis. Boulder, Colo., Geological Society of America, 1969. (Geological Society of America. Special paper no. 132)

550.82 G292s no. 132

68 **Water and water pollution handbook.** Edited by Leonard L. Ciaccio. N.Y., M. Dekker, 1971-1973. 4v.

TD380 W32

69 **Water encyclopedia; a compendium of useful information on water resources.** Edited by David Keith Todd. Port Washington, N.Y., Water Information Center. 1970. Ref TD351 T63

70 **Water quality and treatment; a handbook of public water supplies.** American Water Works Association. 3d ed. N.Y., McGraw-Hill, 1971. TD430 A6 1971

20

71 **Water quality criteria**. 1963. See no. 134 of this bibliography.
Govt. Publ. Dept.
(5-W32.5:3-A)

72 **Water quality criteria data book**. U.S. Environmental Protection Agency. Wash., D.C., GPO. (Water pollution control research series) 1970-
Govt. Publ. Dept.

v.1: Organic chemical pollution of freshwater. Arthur D. Little, Inc., 1970. (EP2.10:18010 DPV 12/70)

v.2: Inorganic chemical pollutants of freshwater. Arthur D. Little, Inc., 1971. (EP1.16:18010 DPV 7/71)

v.3: Effects of chemicals on aquatic life, selected data from literature through 1968. Battelle's Columbus Lab., 1971.
(EP1.16:18050 GWV 5/71)

v.4: Investigation into recreational water quality. Byron J. Mechalas, et al. Aerojet General Corp., 1972.
(EP1.16:18040 DAZ 4/72)

73 **Water supply and sewerage**. Ernest W. Steel. 4th ed. N.Y., McGraw-Hill, 1960. TD145 S8 1960

74 **Water treatment; a guide to the treatment of water and effluents purification**. George V. James. 3d ed. London, Technical Pr., Ltd., 1965. 628.16 J233w 1965

75 **Water treatment data; a handbook for chemists and engineers in industry**. William Michael Theodore Boby and G.S. Solt. London, Hutchinson, 1965. Ref TD430 B6

76 **Water treatment for industrial and other uses**. Eskel Nordell. 2d ed. N.Y., Reinhold Pub. Corp., 1961. 628.16 N753w 1961

77 **Water well handbook**. Keith E. Anderson. 2d ed. Rolla, Missouri, Water Well Drillers Association, 1950.
628.1 An23

78 **Water well technology**; field principles of exploration, drilling, and development of ground water and other selected minerals. Michael D. Campbell and Jay H. Lehr. N.Y., McGraw-Hill, 1973.
TC405 C2

Statistics sources

Guides to Statistics Literature

79 **American statistics index (ASI) annual**, a comprehensive guide and index to the statistical publications of the United States government. Wash., D.C., Congressional Information Service, 1973- Govt. Publ. Dept. Office

This index is published in two parts with monthly supplements providing up-to-date coverage of statistics for each part. Part I: Index contains an index by subjects and names (e.g. Water pollution, Water resources development, Water supply, Environmental Protection Agency) and gives an appropriate number for locating the source of the statistic in Part II: Abstracts. Part I also contains an index by category. These 18 categories are in three sections: Geographic, Economic and Demographic. Within each of the categories statistics are grouped under standard subjects (e.g. Agriculture, Natural Resources and Conservation, and Recreation and Leisure). Again cross reference numbers are given for the source of the statistic in Part II: Abstracts. At the end of Part I there is an index by title and agency report number. Part II: Abstracts contains descriptions of the various department and agency statistical publications. A detailed table of contents permits this section to be used separately.

80 **Statistics sources**, a subject guide to data on industrial, business, social, educational, financial, and other topics for the United States and selected foreign countries. Paul Wasserman, Eleanor Allen and Charlotte Georgi. 3d ed. rev. Detroit, Mich., Gale Research Co., 1971. Ref Desk Z7551 S84 1971

Arranged by subject, listing statistical sources; contains a "Selected bibliography of key statistical sources" (p.9-14) by Janice McLean. Subjects of possible interest: Fish-catch, Fish

hatcheries, Fish killed by water pollution, Fish production and value, Fish supply, Fishing and hunting (recreation), Floods, Harbors, Lakes, Rainfall, Rivers, Snow, sleet - selected cities, Water, etc.

Statistics – Water

81 **Basic statistics of the national inventory of soil and water conservation needs.** U.S. Dept. of Agriculture, Conservation Needs Committee. Wash., D.C., GPO, 1962. (U.S. Dept. of Agriculture statistical bulletin no. 317)

Govt. Publ. Dept.
(A1.34:317)

Contains data about four major aspects of United States agricultural land:

Land capacity
Land use - actual in 1958, expected in 1975
Conservation treatment needed on land in each land use
Small watershed projects needed

82 **Climatological data.** U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Data Service. Wash., D.C., GPO, 1948- Govt. Publ. Dept.
(C55.214:vol. and no.)

Published monthly summarizing weather conditions for each state including:

General summary of river and flood conditions
Flood stage data - giving flood stage in feet, dates above flood stage, crest stage in feet, and date of crest
Maps showing: total precipitation, percentage of normal precipitation, total snowfall, percentage of mean monthly snowfall, depth of snow on ground on day near end of given month

Information is summarized by each state annually.

83 _____. **National summary.** Wash., D.C., GPO, 1950-

Govt. Publ. Dept.
(C30.51: vol. and no.)

Published monthly and cumulated annually; summarizes data including:

Flood losses for the current year, plus figures covering earlier periods of time

General summaries of river and flood conditions for the current year

84 **Economic benefits from oceanographic research: a special report.** National Research Council, Committee on Oceanography. Wash., D.C., National Research Council, National Academy of Sciences, 1964. (NRC Publ. 1228)

GC58 N3

85 **Index of surface-water records to Sept. 30, 1970.** U.S. Dept. of the Interior, Geological Survey. Wash., D.C., GPO, 1971. 16 pts. (U.S. Geological Survey circular 651-666)

Govt. Publ. Dept.
(I 19.4[2]:651-666)

Each of the 16 parts of the report covers a geographic area of the United States, e.g. Pt. 1: North Atlantic Slope Basins (I 19.4[2]:651). Each part is arranged alphabetically by place with an alphabetical index to streams, lakes, reservoirs, etc. at the end. For each surface-water area the following information is given:

Station number
Drainage area in square miles
Periods of record including: daily or monthly figures, annual peaks, low-flow measurements in water years

Records of streamflow from 1951-1960 are summarized in Water-supply papers 1721-1740, entitled "Compilation of records of surface waters of the United States, Oct. 1950 to September 1960." Each of these summaries lists earlier publications where more detailed information has been given. Records for 1961-1965 were published in Water-supply papers 1901-1937, see no. 93 of this bibliography.

86 **Municipal water facilities.** U.S. Dept. of Health, Education and Welfare, Public Health Service, Div. of Water Supply and Pollution Control, Basic Data Branch. Wash., D.C., GPO, 1958 and 1963 editions available each in 9v. with a statistical summary.

Govt. Publ. Dept.
(FS2.84[3]:date, vol. and date, sum.)

Each volume covers a definite region of the United States e.g. v.1: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont. The publication inventories public water supply in the United States and includes the following data

which is arranged by region and then alphabetically by community:

Population
Year operation started
Ownership
Number of streams, number of meters
Laboratory control
Source of supply
Safe yield
Impounded (surface) maximum dependable drift (ground)
Plant capacity and average plant output
Treatment
Improvements needed

The statistical summaries analyze the data by population areas and by state.

87 **Municipal water facilities, communities of 25,000 population and over as of Jan. 1, 1964.** U.S. Dept. of Health, Education and Welfare, Public Health Service, Div. of Water Supply and Pollution Control, Basic Data Branch. Wash., D.C., GPO, 1964. 1958, 1960, 1962 editions also available.

Govt. Publ. Dept.
(FS2.84:964)

Information is arranged alphabetically by state with appendixes for some large metropolitan areas at the end. For each area covered the following information is given:

Population
Year operation started
Ownership
Number of services, number of meters
Source of supply
Storage, impounded and raw water
Safe yield, impounded (surface) maximum dependable drift, ground water
Transmission capacity
Treatment
Treatment plant capacity
Plant output
Average plant output
Laboratory control
Pumping capacity
Raw and finished water

Distribution storage
Will distribution system satisfy maximum demand
Improvements needed
Remarks

_____. Statistical summary. Govt. Publ. Dept. (FS2.84:964 sum)

Summarizes by state the information given in the basic report.

88 **Municipal yearbook, the authoritative resume of urban data and developments.** Wash., D.C., International City Management Association. Annual. Ref JS344 C5 A24 date

Covers both primary and secondary statistics. The detailed subject index includes entries under water and sewer programs, including experience with HUD programs, ranking regional council performance, and state matching funds for sewer services; water pollution, including federal grant-in-aid programs, and state actions affecting local government; also related information of possible interest under environmental protection headings.

89 **National water quality network.** U.S. Dept. of Health, Education and Welfare, Public Health Service. Wash., D.C., GPO, 1958-1962. 6v. Govt. Publ. Dept. ($FS2.84^2$:date)

Data provided is for surface waters in the United States. Information given:

Radioactivity determinations
Plankton populations
Organic chemicals
Chemical, physical and bacteriological analyses
Flow data, Strontium 90
Trace elements

Continued by "Water pollution surveillance system." See no. 97 below.

90 **Principal lakes of the United States.** Conrad D. Bue. U.S. Dept. of the Interior, Geological Survey. Wash., D.C., GPO, 1963. (U.S. Geological Survey circular no. 476)

MC 63:19304
non-depository microprint

This report is primarily a list of the approximately 250 fresh water lakes in the U.S. with a surface area of 10 square miles or

more. Statistics on depth are given with brief narrative information. There is a discussion of the saline lakes of the Great Basin. A bibliography is included.

91 **Reservoirs in the United States.** R.O.R. Martin and Ronald L. Hanson. U.S. Dept. of the Interior, Geological Survey. Wash., D.C., GPO, 1968. (U.S. Geological Survey water-supply paper 1838) Govt. Publ. Dept. (I 19.13:1838)

Arrangement is alphabetically by state. Information given:

- Name of reservoir and stream
- Location
- Drainage area
- Dead storage
- Total storage
- Usable storage
- Storage ratio
- Use
- Date completed
- Owner or operator
- Notation of published storage records

A map of the U.S. showing drainage areas and basin index symbols is included. This publication supersedes Water-supply paper 1360-A, "Reservoirs in the United States" by N.O. Thomas and G.E. Harbeck, Jr. published in 1956.

92 **Statistical abstract of the United States.** U.S. Bureau of the Census. Wash., D.C., GPO. Annual. Govt. Publ. Dept. (C3.134:date) Current year Ref Desk

Published annually since 1878, this source is a summary of social, political and economic statistics of the United States. There is a detailed subject index. Statistics included for water are:

- Area
- Equipment, expenditures and shipments
- Population using fluoridated water
- Personal consumption expenditures
- Pollution including fish kill, ocean dumping, oil spills
- Water power including developed and undeveloped
- Electric energy generated by water, installed capacity of generating plants
- Transportation
- Use in U.S. manufacturing and industry

93 **Surface water supply of the United States, 1961-65.** U.S. Dept. of the Interior, Geological Survey. Wash., D.C., GPO, 1970. 37v. (U.S. Geological Survey water-supply paper 1901-1937)

Govt. Publ. Dept.
(I 19.13:1901-1937)

This 37 volume series of reports provides information on records of stage, discharge, and content of streams, lakes, and reservoirs in the U.S. during 1961-65. Each volume contains an index of gauging stations and includes maps. Volume 1 covers the North Atlantic Slope Basins. "Through September 30, 1960, the records of discharge and storage of streams and contents and stage of lakes or reservoirs were published in an annual series of U.S. Geological Survey water-supply papers entitled "Surface Water Supply of the United States." Prior to 1951, there were 14 volumes in the series; one for each of the 14 parts whose boundaries coincided with certain natural drainage lines within the conterminous United States. From 1951 to 1960, there were 20 volumes in the series, including one each for the States of Alaska and Hawaii." With the present report a new series has begun, which will be published every five years.

The publication history of the "Surface Water Supply of the United States" is outlined in the "Dictionary Catalog of the Water Resources Center Archives, University of California, Berkeley" v.5, p.122-124, see no. 195 of this bibliography.

94 **Water and land resource accomplishments.** U.S. Dept. of the Interior, Bureau of Reclamation. Wash., D.C., GPO, 1969-

Govt. Publ. Dept.
(I 27.55:date)

This report includes historical and current data on 17 western states:

Acreage
Yield
Production
Extension of irrigation to new lands
Gross value of crops grown on all projects
Multipurpose functions including municipal and industrial water use
Public recreation
Power
Flood control

28

Summary tables are included which cover crop value and irrigation by region and states; acreage and crop value; cumulative crop values; and status of water users by type of farm and class of water service provided.

95 _____. **Statistical appendix.** Wash., D.C., GPO, 1969-
Govt. Publ. Dept.
(I 27.55:date/app)

Contains crop production data for regional areas of the 17 western states and individual projects which are listed alphabetically. The crop production reports include data on:

Acreage
Yield
Production and gross value of crops grown
Land utilization
Water distribution
Status of reclamation lands
Other related subjects

Tables of "Related data" are given at the end. The 1971 volume contains:

Status of irrigable lands
Irrigation and gross crop value data by region
Distribution of farms by types of irrigation service
Population served with project water
Municipal, industrial, and other nonagricultural uses of project water
Water distribution
Sugar beet production on Federal Reclamation Projects
Recreation areas on reclamation projects
Utilization of recreation areas
Utilization of acquired and withdrawn lands

96 **Water data for metropolitan areas, a summary of data from 222 areas in the United States.** Compiled by Wm. J. Schneider. U.S. Dept. of the Interior, Geological Survey. Wash., D.C., GPO, 1968. (U.S. Geological Survey water-supply paper 1871)
Govt. Publ. Dept.
(I 19.13:1871)

Information is arranged alphabetically by state and then by geographic area. For each geographic area information given:

Area
Population

Hydrologic background
Current data for surface water and water quality
Current projects

References are included for further information. Tables included: Water-supply papers containing records of stream flow in the U.S., 1931-60; compilation of records of stream flow; Water-supply papers containing records of water levels and artesian pressure in observation wells in the U.S. 1935-57; Water-supply papers containing data on chemical analysis, sediment transport, and water temperature of streams in the U.S.; Water-supply papers containing records of flood stages, discharges, and areal runoff.

97 **Water pollution surveillance system, annual compilation of data, Oct. 1, 1962-Sept. 30, 1963.** U.S. Dept. of Health, Education and Welfare, Public Health Service, Div. of Water Supply and Pollution Control. Wash., D.C., GPO, 1963. 11v.

Govt. Publ. Dept.
(FS2.84[2]:963 vol.)

Continues "National water quality network." See no. 89 above.

Statistics – Related to Water

98 **Agricultural statistics.** U.S. Dept. of Agriculture. Wash., D.C., GPO. Annual.

Govt. Publ. Dept.
(A1.47:date)

Data is provided on agricultural production, supplies, population consumption, facilities, costs and returns. Information generally is retrospective to 1954-55, or most recent 10 years. Comparable data for earlier years can be found in the volume for 1967 which includes figures as far back as 1866 for some data. In the 1972 volume chapter 12 deals with "Agricultural conservation, pollution abatement, and forestry." Detailed subject index increases usefullness of this source.

99 **Construction review.** U.S. Dept. of Commerce, Bureau of Domestic Commerce. Wash., D.C., GPO, 1955- Monthly.

Govt. Publ. Dept.
(C41.30[3]:vol. number)

Statistics include building permits, contract awards, and costs and prices related to the sanitation industry. Includes occasional articles on water and waste water treatment, etc. Issue no. 12 is titled "Annual Statistical Issue."

30

100 **Fishery statistics of the United States, 1969.** U.S. Dept. of the Interior, Fish and Wildlife Service, Bureau of Commercial Fisheries. Wash., D.C., GPO, 1972.

Govt. Publ. Dept.
(C55.316:63)

This source has been published annually since 1962; prior to that surveys were made in 1908, 1931, 1950, 1954-60. Statistics are grouped first in a general review section and then by region, for example "New England Fisheries." A glossary and pictorial section are included at the end.

101 **Hydroelectric plant construction cost and annual production expenses**, 14th annual supplement, 1970. U.S. Federal Power Commission, Bureau of Power. Wash., D.C. GPO, 1972.

Govt. Publ. Dept.
(FP1.21:220)

Data on "plant investment, annual production expenses, and related information for selected major hydroelectric plants" in the U.S. is given. An earlier publication (FPC publ. S-130) covered the period 1953-56. Subsequent annual publications extend coverage up to 1969; with the present volume coverage is completed for 1953-69 (17 years). Plants are listed by state with an alphabetical list of plants at the end.

102 **Sewage and water works construction.** U.S. Dept. of Health, Education and Welfare, Public Health Service. Wash., D.C., GPO, 1960-1964.

Govt. Publ. Dept.
(FS2.56²)

_____. U.S. Dept. of the Interior, Federal Water Pollution Control Administration. Wash., D.C., GPO, 1965-1968.

Govt. Publ. Dept.
(I 67.11:date)

Continued by the following reference.

103 **Sewage facilities construction.** U.S. Dept. of the Interior, Federal Water Quality Administration. Wash., D.C., GPO, 1969.

Govt. Publ. Dept.
(I 67.11:date)

Economic and cost data provided. This series of reports ceased publication with this volume.

104 **Shellfish situation and outlook.** U.S. Dept. of Commerce, National

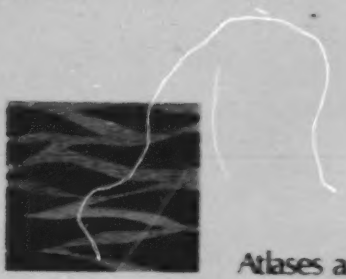
Oceanic & Atmospheric Administration, National Marine Fisheries Service. Wash., D.C., GPO, 1970-

Govt. Publ. Dept.
(C55.309/4:nos.)

Contains a summary of information on shrimps, scallops, northern lobsters, spiny lobster tails, west coast crabs, and the international shrimp market. Statistics given for each type of shellfish are:

Supplies
Landings
Imports
Inventories
Prices
Consumption
Exports
Outlook

The Jan. 1973 issue is titled "Shellfish Market Review and Outlook."



Atlases and maps

105 **Atlas of industrial water use.** A report to the Water Resources Council. Barry R. Lawson. Ithaca, N.Y., Cornell University, Water Resources Center, 1967. (Pub. no. 18)

Map Room
G3701 M1 L39 1967

"National maps and regional statistics of twenty-one major water-using industries" are provided. For each industry geographic concentration is shown on a map, and regional and national water use data is provided in billions of gallons. Other data: number of plants, intake, gross use, internal use, and source of supply.

106 **Atlas of the living resources of the seas.** Prepared by the Food and Agriculture Organization, Department of Fisheries. Rome, FAO of the UN, 1972.

Map Room
G2801 L1 F6 1972

Contains three types of maps: the first ten show the geographic distribution and present exploitation of living resources of the oceans; the second group of seven maps show fish migration; the third section of 45 regional maps show the geographical and vertical distribution of "main stocks in each ocean region." An alphabetical index of fish names is provided.

107 **A descriptive atlas of the Pacific Islands.** Thomas F. Kennedy. N.Y., Praeger, 1968. G2860 K4 1968

108 **EASTROPAC atlas.** Edited by Cuthbert M. Love. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service. Wash., D.C., GPO, 1970.

Map Room
G2861 C7 E2 1970

Contains charts showing distribution of physical, chemical and

biological oceanographic properties and associated meteorological properties observed during the international investigation of the eastern tropical Pacific Ocean, EASTROPAC. The study was undertaken to help provide data for better use of marine resources, especially tropical tunas.

109 **International hydrogeological map of Europe.** Prepared by the International Association of Hydrogeologists and the Sub-Commission for the International Geological Map of the World. Scientific ed. H. Karrenberg. Hanover, Bundesanstalt fur Bodenforschung and UNESCO, 1970-

Map Room
G5701s C3 1,500/I5

Scale: 1:1,500,000 66.5x90.5 cm.

110 **Marine atlas of the Pacific coastal waters of South America.** Merritt R. Stevenson, Oscar Guillen G. and Jose Santoro de Ycaza. Berkeley, Univ. of Calif. Pr., 1970.

Map Room
G1701 S7 1970

Includes: Pt. 1: text describing "seasonal fluctuations in the Pacific coastal waters of South America"; Pt. 2: maps and charts illustrating station positions, temperature, salinity, density, oxygen, surface circulation and surface winds and barometric pressure. Surface, horizontal and vertical sections are included using a different color for each of the seven categories listed above.

111 **The national atlas of the United States of America.** Wash., D.C., U.S. Dept. of the Interior, Geological Survey, 1970.

Map Room G1200 U57 1970 | Spec. Coll. Dept. 2d copy

This atlas of 765 maps representing "physical features, historical evolution, economic activities, socio-cultural conditions, administrative subdivisions, and place in world affairs" is the result of many years of work, initial planning having begun in the early 1950's. Thematic maps or special subject maps are included for water, p.117-128:

Water resources (text)
Surface water – Runoff
Usable capacity of reservoirs
Floods and droughts
Ground water – Productive aquifers and withdrawals from wells
Minerals in water – Concentrations in surface and ground waters

Water impurities – Chemical types
Sediment concentration
Water use – Public supply, irrigation, fuel-electric power generation, other industrial
Water resources (Alaska)

112 **Oceanographic atlas of the International Indian Ocean Expedition.** Klaus Wyrtki. With the assistance of Edward B. Bennett and David J. Rochford. Wash., D.C., GPO, 1971.

Map Room
G2851 C7 W9 1971

Illustrated description of the structure and circulation of the Indian Ocean.

113 **Oceanographic atlas of the Pacific Ocean.** Richard A. Barkley. Honolulu, Univ. of Hawaii Pr., 1968.

Map Room
G2861 C7 B3 1968

Presents results of more than 50 years of research on the Pacific Ocean especially emphasizing the "uppermost" mile of water, which contains the richest resources.

114 **Serial atlas of the marine environment.** American Geographical Society of New York. N.Y., 1962- Folio 1-

Map Room
G1046 C7 A4

Presents results of American research on the physical oceanographic environment and the distribution of different animal species. The area emphasized is the continental shelf area of the North Atlantic and Arctic basins:

1. Sea surface temperature regime in the Western North Atlantic 1953-54. Robert L. Pyle. 1962.
2. North Atlantic temperatures at a depth of 200 meters. Elizabeth H. Schroeder. 1963.
3. A geographic study of the clam, Spisula polynyma (Stimpson) J. Lockwood Chamberlin and Franklin Stearns. 1963.
4. Surface water types of the North Sea and their characteristics. Taivo Laevastu. 1963.
5. North American sea stars (Echinodermata: Asteroidea) from Alaska to the Strait of Belle Isle. Edward H. Grainger. 1964.

6. Euphausids and pelagic amphipods distribution in North Atlantic and Arctic waters. Maxwell J. Dunbar. 1964.

7. Surface circulation on the continental shelf off eastern North America between Newfoundland and Florida. Dean F. Bumpus and Louis M. Lauzier. 1965.

8. Zooplankton indicator species in the North Sea. James H. Fraser. The trace elements. Robert Johnston. 1965.

9. Meteorology of the North Sea. Frank E. Lumb. 1965.

10. Autumn distribution of groundfish species in the Gulf of Maine and adjacent waters, 1955-61. Raymond L. Frits. 1965.

11. Inorganic nutrients in the North Sea. Robert Johnston and Peter G. W. Jones. 1965.

12. Distribution of decapod crustacea in the Northwest Atlantic. Hubert J. Squires. 1966.

13. Distribution of the euphausiid crustacean Meganyctiphanes norvegiva (M. Sars). John Mauchline and Leonard R. Fisher. 1967.

14. Distribution of North Atlantic pelagic birds. Robert Cushman Murphy. 1967.

15. Monthly sea temperature structure from the Florida Keys to Cape Cod. Lionel A. Walford and Robert L. Wicklund. 1968.

16. Mean monthly sea surface temperature and zonal anomalies of the tropical Atlantic. Paul A. Mazeika. 1968.

17. Shellfish of the North Sea. Pieter Korringa. 1969.

18. Wildlife wetlands and shellfish areas of the Atlantic Coastal zone. George Spinner. 1969.

19. Water masses of the North Atlantic Ocean, a volumetric census of temperature and salinity. W.R. Wright and L.V. Worthington. 1970.

20. Gulf of Mexico, deep-sea fauna, Decapoda and Euphausiacea. W.E. Pequegnat, et al. 1971.

21. Average monthly sea-water temperatures, Nova Scotia to Long Island, 1940-59. John B. Colton, Jr. and Ruth R. Stoddard. 1972.

22. Chemistry, primary productivity, and benthic algae of the Gulf of Mexico. S.Z. El-Sayed, et al. 1972.

115 **U.S. Geological Survey. Topographic maps.** Wash., D.C., U.S. Geological Survey. Irregular. Map Room

The maps cover all 50 states, American Samoa, Guam, Puerto Rico, and the Virgin Islands. The scales vary.

116 **Water atlas of the United States.** James J. Geraghty, David W. Miller, Frits Van der Leeden, and Fred L. Troise. Cartographers, Miklos Pinther and Robert S. Collins. Port Washington, N.Y., Water Information Center, 1973. Ref G1201 C3 W38 1973

Contains 122 maps which provide an account of water resources in the United States. Thirty-six maps deal with Alaska and Hawaii. Topics covered include: "water pollution and quality, water conservation, water law, and water-based recreation." All maps are drawn to the same scale (4cm.=400 mi.). Text description is provided for each map. Some maps were developed by the authors and others taken from government and private sources. Access is through the table of contents.

117 **Water for Nevada: hydrologic atlas.** Nevada. Division of Water Resources. Carson City, Nevada, 1972.
Map Room

118 **Water resources development map.** Compiled under the auspices of the Water Resources Council. Wash., D.C., U.S. Geological Survey, 1969. Map Room
Scale: 1:3,168,000 48x65 in.

119 **World atlas of agriculture.** Prepared under the aegis of the International Association of Agricultural Economists. Monographs edited by the Committee for the World Atlas of Agriculture. Novara, Istituto Geografico De Agostini, 1969-
Ref G1046 J1 W6

v.1: Europe, USSR, Asia Minor. 1969.
v.2: South and East Asia, Oceania. 1973.
v.3: Americas. 1970.

Each volume contains a general section followed by information about each country: physical environment and communications, population, exploitation of resources, ownership and land tenure, land utilization, crops and animal husbandry, agricultural economy, bibliography. Maps and statistical charts are included.

120 _____. **Land utilization maps and relief maps.** Prepared by the Committee for the World Atlas of Agriculture. Novara, Istituto Geografico De Agostini, 1969. Ref G1046 J1 W6 maps

Outstanding colored maps are arranged by continent and then by region. They show the principal land use:

1. Arable land
2. Rice field
3. Meadow and permanent grassland
4. Coffee plantations
5. Tea plantations
6. Agave plantations
7. Spice plantations
8. Fruit-trees, vineyards, bushes and orchard land
9. Sugar cane plantations
10. Market gardens, gardens, nursery gardens
11. Rubber plantations
12. Woods and forests
13. Virgin forest and jungles
14. Rough grazing land
15. Reindeer grazing
16. Nonagricultural land

Maps are 60x48 cm. some slightly wider; scale mostly 1:2,500,000 and 1:5,000,000.

MAPS – INDEXES

121 **American Geographical Society of New York. Current geographical publications.** N.Y., v.1- 1938- Ref Dept.

Indexes maps added to the collection of the American Geographical Society. Entries in the annual indexes with an asterisk indicate a map. This source serves to up-date the maps indexed by the following reference published in 1968.

122 **American Geographical Society of New York. Map Department. Index to maps in books and periodicals.** Boston, G.K. Hall, 1968. 10v. Ref Z6028 A5

Represents maps in one of the largest collections of "its kind in the western hemisphere." Arrangement is by subject and by geographical-political divisions. Within geographical divisions arrangement is chronological. The principal periodicals indexed are listed at the front of volume 1. Volume 10, p.368-429, includes the following water related headings:

Water	Water – movements
Water – artesian	Water – pollution
Water – circulation	Water – purification
Water – composition	Water – quality
Water – controls	Water – reservoirs
Water – drainage	Water – runoff

Water – density	Water – salinity
Water – economy	Water – sheds
Water – flood control	Water – supply
Water – floods	Water – surface
Water – gauges	Water – table
Water – geysers	Water – temperature
Water – hardness	Water – underground
Water – line	Water – utilization
	Water – wells

Other headings of interest: Drainage, Hydrogeology, Lakes, Rivers, Ocean, Power – water, and Waterworks.

123 **California. University, Berkeley. Bancroft Library. Index to printed maps.** Boston, G.K. Hall, 1964. Ref Z6028 C17

Subject emphasis is the western half of North America including Mexico and Central America. The maps date from the 16th to the 20th century. For "water supply" one is referred to the names of cities, states, etc. with the sub-heading "water supply."

124 **Geologic maps, a contribution to "Geologic Reference Sources."** Mark W. Pangborn, Jr. (U.S. Geological Survey Library) In: "Geologic reference sources." D.C. Ward and M.W. Wheeler. Metuchen, N.J., Scarecrow Pr., 1972, p.352-436.
Ref Z6031 W35 1972

"Selected bibliography of modern books and articles on maps and cartography. The geosciences are emphasized; bibliographic works on topographic mapping are largely omitted." Classified arrangement is outlined in the table of contents.

125 **U.S. Geological Survey. Publications of the Geological Survey.** 1879-1961. Wash., D.C., GPO, 1964.
Govt. Publ. Dept.
(I 19.14:date)

_____. 1962-1970. 1972.

See table of contents section "Maps and Charts." Index is provided in cumulated and annual volumes by author, subject, and geographic area. Supplemented monthly and annually.

Standards

AMERICAN PUBLIC HEALTH ASSOCIATION

126 American Public Health Association. **Standard methods for the examination of water and sewage,** . . . published jointly by the American Public Health Association and the American Water Works Association. 9th ed. N.Y., American Public Health Association, 1946.
Pharmacy Library
Ref QD142 A5 1946

127 American Public Health Association. **Standard methods for the examination of water and wastewater, including bottom sediment and sludges.** New York, 1st- 1905-
543.3 Am351s

AMERICAN SOCIETY FOR TESTING AND MATERIALS

128 American Society for Testing and Materials. **Annual book of ASTM standards.** Philadelphia, Pa. Annual.
Ref TA401 A653 current edition

Sections of interest:

Pt. 33, Index to ASTM Standards

Pt. 23, Water: Atmospheric analysis

This part includes standards and test methods approved by ASTM; areas covered are general properties, inorganic and organic constituents, radioactivity, bacteriological examination, and water treatment materials. A glossary of terms related to water is included.

AMERICAN WATER WORKS ASSOCIATION

129 American Water Works Association. **AWWA standards.** N.Y., 1941-
Revised periodically.

The standards are also listed and revisions outlined in the

AWWA's Yearbook '73-'74 which is the main feature of the American Water Works Association, Journal September 1973, pt.2, see p. WSL 16-WSL 18. Individual standards may be purchased separately; prices and order information are given. For many standards reference is made to the first approved standard and place of its publication along with date of most recent revision. Many of the standards were first published in the Journal from v.1- 1914-

GOVERNMENTAL AGENCY – U.S. Federal Government

130 **Manual for evaluating public drinking water supplies, a manual of practice.** U.S. Environmental Protection Agency, Office of Water Programs, Water Supply Programs Division. Wash., D.C., GPO, reprinted 1971, published 1972. (Previously published in 1969 as Public Health Service publ. no. 1820)

Govt. Publ. Dept.
(EP2.8:D83)

This report supersedes the "Manual of recommended water sanitation practice," published in 1946, long a standard reference. The report is designed to help officials determine whether or not public drinking water satisfies modern health requirements. Included are:

"Sanitary survey and water treatment requirements"

"Recommended sanitary requirements for water source protection and treatment"

"Recommended sanitary requirements for water distribution systems"

References are included along with an appendix of excerpts from the U.S. Public Health Service drinking water standards.

131 **Public Health Service drinking water standards.** U.S. Dept. of Health, Education and Welfare, Public Health Service. Revised. Wash., D.C., GPO, 1962. (Public Health Service publ. no. 956)

Govt. Publ. Dept.
(FS2.6^2:W29/962)

Contents: Definition of terms, Source and protection, Bacteriological quality, Physical characteristics, Chemical characteristics, Radioactivity, Recommended analytical methods, Barium, and Appendix including data on chemicals in water.

132 **Water quality criteria, report of the National Technical Advisory Committee (on Water Quality Criteria) to Secretary of the**

Interior. U.S. Dept. of the Interior, Federal Water Pollution Control Administration. Wash., D.C., GPO, 1968.

Govt. Publ. Dept.
(I67.2:W29[3])

Covers "minimum water quality criteria, or numerical specifications of physical, chemical, temperature, and biological levels." This information obtained from introduction page of no. 133, Mercury section, below.

GOVERNMENTAL AGENCY – U.S. Federal and State

133 **Water quality standards criteria digest, a compilation of Federal/State criteria**. U.S. Environmental Protection Agency. Wash., D.C., GPO, 1972-

Among sections published are:

Antidegradation. 1972.	MC 73:28845 non-depository microprint Govt. Publ. Dept.
Bacteria. 1972.	(EP1.29:B13)
Mercury and heavy metals. 1972.	(EP1.2:M53)
Phosphates. 1972.	(EP1.29/2:P56)
Temperature. 1972.	(EP1.29/2:T24)

For further publications in this series see indexes to the **Monthly Catalog**, no. 169 of this bibliography.

GOVERNMENTAL AGENCY – U.S., State and Regional

134 **Water quality criteria**. Edited by Jack E. McKee and Harold W. Wolf. 2d ed. rev. Sacramento, California, California Resources Agency, State Water Resources Control Board, 1963. (Publication no. 3-A)

Govt. Publ. Dept.
(5-W32.5:3-A)

This publication is "primarily a survey and evaluation of the literature and a compendium of data on water quality criteria." The appendixes at the end do include some standards for various states and regions:

Appendix D. Classifications and standards of quality and purity (for New York).

Appendix E. Classifications and water quality standards for North Carolina.

Appendix J. Utah Water Pollution Control Board – The standards of quality and the regulations for water classification.

Appendix O. Minimum water quality criteria for streams in the Potomac River Basin.

Appendix Q. U.S. Public Health Service – Recommended sanitary requirements for water treatment systems.

Chapter III covers "Water quality criteria promulgated by State and Interstate agencies" including historical background, types and significance of criteria for water pollution control, Federal attitude toward criteria, a state by state account of agencies responsible and actions in this area, and a listing of interstate agencies. Chapter VI: "Potential pollutants," chapter VII: "Biological pollutants," and chapter IX: "Pesticides" list information alphabetically by chemical name, etc. giving handbook type description. Other sections include: Quality criteria for the major beneficial uses of water, Radioactivity, and Surface active agents. No detailed subject index. Tables, figures and appendixes are outlined in the table of contents.

See also:

135 **Water quality standards summary (for various states)**
Govt. Publ. Dept.
(EP1.29:CT)
non-depository

GOVERNMENTAL AGENCY – International

136 **International standards for drinking water.** World Health Organization. 3d ed. Geneva, Switzerland, 1971.
Govt. Publ. Dept.
Foreign Doc. Room
(WHO-2:In8$^{3-971}$)

Standards for drinking water at international ports.

SEE ALSO:

Federal statutes dealing with water quality, for example:

137 **Federal Water Pollution Control Act.** 1948.
Govt. Publ. Dept.
(62 Stat. 1155)

In 1956 this act was extended and strengthened in:
(70 Stat. 498)

Sets forth procedures for revising and upgrading water quality standards.

138 **Guidelines for developing or revising water quality standards under the Federal Water Pollution Control Act amendments of 1972.** U.S. Environmental Protection Agency, Water Planning Div., Planning and Standards Branch. Wash., D.C., GPO, 1973.

Govt. Publ. Dept.
(EP1.8:W29/97)

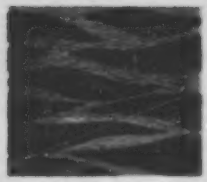
139 **National water quality basic data program of the U.S. Public Health Service.** R.C. Palange and S. Megregian. American Society of Civil Engineers, Proceedings (J. of the Sanitary Engineering Div.) v.84, #SA2, p.1601-1 to 6 (April 1958)

This paper outlines the long-range basic data collection program of the U.S. Public Health Service, including what information will be collected and how it will be collected, analyzed and disseminated.

140 **Questions and answers on water quality standards.** U.S. Environmental Protection Agency. Wash., D.C., GPO, 1972.

MC 73:20209
non-depository microprint

141 **Standard handbook for civil engineers.** 1968. Sect. 21, p.91-4 Quality standards for water. Ref TA151 S8



INDEXING AND ABSTRACTING SERVICES

142 **Abstracts of North American Geology** 1966-1971.

Wash., D.C., GPO. U.S. Dept. of the Interior, Geological Survey. Monthly; arranged alphabetically by author with subject index; includes "abstracts of technical papers and books and also citations of maps on the geology of North America including Greenland, the West Indies," Guam and other island possessions of the U.S. General articles by North American authors are cited even if published in foreign journals; however, foreign authors are cited only if published in North American journals. Cumulated volumes entitled, **Bibliography of North American Geology**, are available for the following periods: 1929-1939 (1v.), 1940-1949 (2v.), 1950-1959 (4v.); annual volumes available for 1960-1970. Both titles are shelved together in the Govt. Publ. Dept.

143 **Abstracts of Recent Published Material on Soil and Water Conservation** 1949-

Wash., D.C., GPO. U.S. Dept. of Agriculture, Agricultural Research Service.

Irregular; classified arrangement with author index; detailed table of contents offers subject approach. These abstracts cover watershed management, water management, basic soil problems, erosion control, soil management, plant management, economic and social problems, soil surveys.

Agricultural Index see **Biological and Agricultural Index**, no. 153

144 **American Society of Civil Engineers. Cumulative Index to ASCE Publications** 1961-

Ref TA1 A58 A51

Indexes are by subject and author.
First volume covers:

Its Proceedings v.76-85, 1950-59
Its Transactions v.100-124, 1935-59
Civil Engineering v.1-29, 1930-59

Second volume covers:

Its Journals (Proceedings) v.86-95, 1960-69
Its Transactions v.125-134, 1960-69
Civil Engineering v.30-39, 1960-69

Indexes to the Transactions for v.1-99, 1867-1934 are available also.

145 American Society of Civil Engineers. ASCE Publications Abstracts
v.1- 1966-

N.Y., American Society of Civil Engineers.
Bimonthly; annotated bibliography with author and subject indexes, covering the ASCE journals and their Civil Engineering. The tables of contents are also included for the issues of the periodicals covered.

146 Applied Science and Technology Index
1958-

N.Y., H.W. Wilson Co.
Monthly (except July) cumulated subject index to English language periodicals. Formerly the **Industrial Arts Index** 1913-1957. Cumulated annually.

147 Aquatic Sciences and Fisheries Abstracts
v. 1- 1971-

London, Information Retrieval Ltd.
Monthly; classified arrangement with geographical, taxanomic, author and subject indexes; the indexes are cumulated annually. The bibliography is compiled by the Food and Agriculture Organization of the UN with the assistance of Institut fur Dokumentationswesen, Frankfurt; Bundesforschungsanstalt fur Fischerei, Hamburg; INRA, Dept. d'Hydrobiologie, Biarritz; and Information Retrieval Ltd. Some 3,000 journals are covered as well as books, reports and conference papers. The main emphasis is on biology. Sections of interest:

Physical and chemical oceanography
Physical and chemical limnology

Ecology
Pollution

This bibliography is a continuation of both **Current Bibliography for Aquatic Sciences and Fisheries** and **Aquatic Biology Abstracts**.

148 **Bibliography and Index of Geology** v.1- 1933-
Ref Z6031 G4

Boulder, Colorado, Geological Society of America in cooperation with the American Geological Institute.
Monthly; classifed and annotated bibliography with subject and author indexes. The annual cumulations contain all entries alphabetically arranged by author, without abstracts, followed by subject index. Up to 1968 excluded North America. (Formerly titled **Bibliography of Geology Exclusive of North America** from v.1-32, 1933-1968.)

149 **Bibliography of Agriculture** v.1- 1942-

N.Y., CCM Information Corp.
Monthly; index to the literature of agriculture and the allied sciences received in the National Agricultural Library. Published by the U.S. Dept. of Agriculture, 1942-69. Classified arrangement with subject, geographic, author and corporate author indexes; indexes cumulated each year. Coverage includes journal articles, pamphlets, government documents, reports and conference proceedings. Sections of interest:

Water resources management
General natural resources and environmental pollution

Bibliography of Geology Exclusive of North America see **Bibliography and Index of Geology** no. 148 above

150 **Bibliography of North American Geology**
1929-

Wash., D.C., GPO. U.S. Dept. of the Interior, Geological Survey. Entries are arranged alphabetically by author with subject index. The following volumes are available: 1929-1939 (1v.); 1940-1949 (2v.); 1950-1959 (4v.); 1960-1970 (annual volumes). See also no. 142 of this bibliography.

151 **Bibliography of Soil Science, Fertilizers and General Agronomy**
v.1- 1935-
Ref Z5073 C76

Farnham Royal, Bucks, England. Commonwealth Agricultural Bureaux.

Published periodically; classified bibliography, not annotated, with a list of periodicals giving abbreviation and full title with place of publication; author and subject index at the end. This bibliography serves as a cumulated index to material covered by **Soils and Fertilizers**. (v.1: 1913-1934 publ. 1935; v.2: 1934-1937 publ. 1938; v.3: 1937-1940 publ. 1941; v.5: 1944-1947 publ. 1948; v.8: 1953-1956 publ. 1957; v.9: 1956-1959 publ. 1960; v.10: 1959-1962 publ. 1963. Univ. of Connecticut Library collection)

152 **Biological Abstracts**, reports the world's biosciences research v.1- 1927-

Philadelphia, Pa., BioSciences Information Service of Biological Abstracts.

Semimonthly; classified and annotated bibliography with author, biosystematic, generic, cross and keyword subject indexes. Indexes are cumulated twice a year. Covers journal articles, books, reports, conference and symposium papers.

153 **Biological and Agricultural Index** 1916-

N.Y., H.W. Wilson Co.

Monthly (except August) cumulated subject index to a selected list of English language periodicals. Cumulated annually. (Formerly entitled the **Agricultural Index** through August, 1964.)

154 **Business Periodicals Index** 1958-

N.Y., H.W. Wilson Co.

Monthly (except August) subject index; cumulated periodically; covers selected English language periodicals in the fields of accounting, advertising and public relations, automation, banking, communications, economics, finance and investments, insurance, labor, management, marketing, taxation, and specific businesses, industries, and trades. Subject headings for example:

Detergent pollution of water	Water
Fishes, effect of water poliution	Water, bottled
Mercury pollution of water	Water, underground
Oil pollution of rivers, harbors, etc.	Water companies
Petroleum waste	Water conditioning equipment

Pollution & pollution control industries
Ponds
Reservoirs underground
Saline water conversion
Sewage disposal
Tidal power
Water cooling
Water pollution
Water purification
Water resources development
Water rights
Water supply

Formerly entitled **Industrial Arts Index** 1913-1957.

155 **Chemical Abstracts** key to the world's chemical literature
v.1- 1907-

Columbus, Ohio, American Chemical Society, Chemical Abstracts Service.
Weekly; classified arrangement with keyword subject index, numerical patent index, patent concordance and author index; cumulated indexes including a formula index published twice a year; collective indexes available for the following periods of time: 1907-1916; 1917-1926; 1927-1936; 1937-1946; 1947-1956; 1957-1961; 1962-1966; 1967-1971. Presently the bibliography appears in 80 sections: 1-20 biochemistry; 21-34 organic chemistry; 35-46 macromolecular chemistry; 47-64 applied chemistry and chemical engineering; 65-80 physical and analytical chemistry. Sections most pertinent:

60: Sewage and wastes
61: Water

The emphasis is on water chemistry, quality of drinking water and industrial water, treatment of sewage and effluents, and sea water desalination.

156 **Congressional Quarterly. Weekly Report**
1945-

Wash., D.C., Congressional Quarterly Inc.
Weekly coverage of U.S. Congressional activities. Indexes are provided every 90 days and annually. In addition to a subject index there are also indexes to presidential texts, fact sheets and special reports, Senate and House roll-call votes, and vote corrections.

157 **Current Bibliography for Aquatic Sciences and Fisheries**
v.1-17 1958-1971.

Continued by **Aquatic Sciences and Fisheries Abstracts**, no. 147 of this bibliography.

158 **Current Contents** Current volumes only retained

Philadelphia, Pa., Institute for Scientific Information.

Weekly; reproductions of the tables of contents of selected journals with an author index at the end. Series of interest:

Current Contents – Agriculture, Biology & Environmental Sciences
Current Contents – Engineering and Technology
Current Contents – Life Sciences
Current Contents – Physical and Chemical Sciences

Journal issues covered in each weekly issue are outlined in the front; cumulated indexes of journal issues covered are provided periodically.

159 **Current Geographical Publications** v.1- 1938-

N.Y., American Geographical Society.

Ten issues per year; represents additions to the Research Catalog of the American Geographical Society and includes references to books, pamphlets, government documents, periodical articles and maps in the collection of the Society's Library. The arrangement is by the classification scheme used by the Society in its Research Catalog. Individual issues have no separate indexes, but the table of contents facilitates their use. A subject index with cumulated author and regional indexes is published annually. Sections of interest:

4: Physical geography
Soil erosion and conservation
Work of flowing surface water
River valleys
Work of subterranean water
Speleology
Karst
Work of (orin) standing water
Shore lines
Ice sheets; glaciers; ground ice and its work

44: Waters of the lands
Rivers; potomology
Floods
Lakes, limnology
Subterranean waters, including ground water
Springs, hot springs, geysers, etc.
Water pollution

45: Oceanography
Sea floor
Movement of sea water
Marine biology

53: Economic geography
Natural resources and industries based theron
Conservation of natural resources
Land utilization
Comprehensive regional surveys; regional planning
Reserves, parks
Use of land for recreational purposes, tourism
Products of oceans, rivers and lakes; fisheries
Whaling

160 Deep-sea Research Oceanographic Abstracts and Oceanographic Bibliography Section v.9- 1962-

Oxford, N.Y., Pergamon Press.

Bimonthly, classified bibliography; annual author index provided but no annual subject index. Covers journal articles, reports, conference papers and books. (Vols. 1-8, entitled **Deep Sea Research**, did not contain an abstracts or bibliography section.)

Part 1. Oceanographic Bibliography, classified as follows:
Physical oceanography
Chemical oceanography
Submarine geology and geophysics
Marine meteorology
Biological oceanography
General – this section includes bibliographies, meetings glossaries, encyclopaedias, etc.

Oceanographic Abstracts
Contains abstracts arranged alphabetically by author for the items in Part 1. Oceanographic Bibliography.

Part 2. Similar to Part 1. except that it contains references received at a later date by the editorial office.

161 Engineering Index v.1- 1906-

N.Y., Engineering Index Inc.

Monthly; annotated bibliography, classified arrangement with author index; cumulated annually. Important for its comprehensive and international coverage. Covers journal articles, books,

reports, standards and conference papers. Selected subject headings:

Rain and rainfall – cloud seeding
Reservoirs
Soils – conservation
Water analysis
Water bacteriology
Water pollution
Water resources
Water supply
Water treatment
Watersheds

Environment Index see **Environment Abstracts** below

162 **Environment Abstracts** v.1- 1971-

N.Y., Environment Information Center, Inc.

Semimonthly (except monthly in July and August) abstracting and indexing service covering published and nonprint materials on environmental pollution, conservation and related fields; each issue contains an "Issue Alert" section which is a "guide to significant information appearing" in each issue. The bibliographic section is classified by subject with subject, industry, and author indexes. Important environmental entries from the "Federal Register" are included, with a chronological list of conferences. Subjects of interest from "main entry" section:

Chemical and biological contamination
Environmental education
Environmental design
General
Land use and misuse
Non-renewable resources
Oceans and estuaries
Radiological contamination
Renewable resources – treatment
Renewable resources – water
Water pollution
Weather modification
Wildlife

Cumulated annual indexes for 1971- are entitled the **Environment Index**. In addition to cumulating references (without abstracts), subject, industry, and author indexes the

Environment Index contains the following sections: review of the year's events, survey of legislation, list of major conferences, directory of control officials, environmental patents, books, films. Formerly entitled **Environment Information Access.**

163 **Eutrophication, a bimonthly summary of current literature**
no. 1- March 1969-

Madison, Wisconsin, Univ. of Wisconsin, Water Resources Center.

Bimonthly; annotated bibliography classified into the following areas:

General
Limnological studies
Physical properties and characteristics of lakes
Chemical parameters
Biological indices
Models of aquatic ecosystems
Technological controls
Institutional controls and management programs

With no.26 Sept./Oct. 1971 each issue includes an author and subject index; there is a cumulated author and subject index for nos. 26-30, Sept./Oct. 1971-May/June 1972. Covers periodical articles, reports, conference papers, and conferences. Formerly entitled **Eutrophication Abstracts.**

164 **Geoscience Abstracts** v.1-7 1959-1965.

Wash., D.C., American Geological Institute.

Monthly; classified bibliography with author index; annual author and subject indexes. Covers geology, solid earth geophysics and related areas with an emphasis on North America. The subject approach is complicated by the use of UNIDEK, an approach to the subjects covered by a numerical system which must be consulted first in order to get the appropriate number for a given topic.

165 **Government Reports Announcements**
v.1- 1940- title varies

Wash., D.C., GPO. U.S. Dept. of Commerce, National Technical Information Service.

Semimonthly; classified bibliography including abstracts; covers government sponsored research in science, technology, business and economics. These reports are made available through The

National Technical Information Service in microfiche or printed form. Subject fields of interest:

2. Agriculture
4. Atmospheric sciences
6. Biological and medical sciences
7. Chemistry
8. Earth sciences and oceanography
13. Mechanical, industrial, civil, and marine engineering

Until 1965, when **Government Reports Index** began publication, indexes were provided within the bibliography.

166 **Government Reports Index** v.1- 1965-

Wash., D.C., GPO. U.S. Dept. of Commerce, National Technical Information Service.

Semimonthly; index to the **Govement Reports Announcements**; indexes are for corporate author, subject, personal author, contract/grant number, and accession/report number; titles are included in subject index to facilitate searching. Cumulated annually.

167 **Industrial Arts Index** 1913-1957.

N.Y., H.W. Wilson Co.

Subject index; continued by the **Applied Science and Technology Index** and the **Business Periodicals Index**.

Meteoroligical Abstracts see **Meteorological and Geoastrophysical Abstracts** below

168 **Meteorological and Geoastrophysical Abstracts** v.1- 1950-

Boston, Mass., American Meteorological Society.

Monthly; classified bibliography with author, subject and geographical indexes. Covers periodical articles, books, reports, theses, conferences and conference papers, maps, atlases, and data compilations. Formerly entitled **Meteorological Abstracts** from 1950-1963. Sections:

A – Environmental sciences
B – Meteorology
C – Astrophysics
D – Hydrosphere/hydrology
E – Glaciology
F – Physical Oceanography

Selection of bibliographies which have been included in this publication:

Dew v.3,#4 (1952)	Limnology v.12,#3 (1961)
Frost v.4,#3 (1953)	Ocean waves & currents v.15,#5 (1964)
Hail v.1,#4 (1950)	Precipitation v.10,suppl.2 (1959)
Icing v.1,#9 (1950)	Soil moisture v.10,#3 (1959)

169 **Monthly Catalog of United States Government Publications** 1928-

Wash., D.C., GPO.

Monthly; index to all Government Printing Office publications, arranged by agency and department with indexes for subject, author and title. The indexing is cumulated annually. Indexes are available to U.S. government publications going back to 1774. The **Monthly Catalog** is extremely important for searching the literature on water resources.

170 **Monthly Checklist of State Publications** v.1- 1910-

Wash., D.C., GPO. U.S. Library of Congress.

Monthly; arranged alphabetically by state and then by department or agency; an annual index by subject and state. Valuable for its coverage of Agricultural and Engineering Experiment Station publications and Water Resources Research Institute publications.

171 **Oceanic Abstracts** v.1- 1964- title varies

La Jolla, Calif., Pollution Abstracts Inc.

Published six times per year; classified, annotated bibliography covering all aspects of oceanic research. Each issue contains a "keytalpha index," key word subject index and an author index; cumulated indexes are available as follows: v.1-4, '64-67 (subject); v.1-3, '64-66 (author); v.5-8, '68-71 (subject and author); v.9, 1972, entitled **Oceanic Abstracts, Year End Index.** Each issue also contains a "calendar of events," list of abbreviations, prefixes and symbols, and a list of acronyms. Serial publications, special publications and books are listed in each issue with the "master list" appearing in issue no. 1 for each year. Formerly entitled the **Oceanic Index** and the **Oceanic Citation Journal.** Present subject outline:

Biology/Fisheries
Geology/Meteorology/Oceanography
Acoustics/Optics/Positioning/Remote sensing

Desalination/Pollution
Engineering/Materials
Diving/Offshore/Deep sea
Ships/Submersibles/Buoys
Governmental/Legal

Oceanic Index see **Oceanic Abstracts** above

172 **Oceanographic Index, Author Cumulation**

1946-1970
Ref Z6004 P6 S434

Boston, G.K. Hall, 1971.
Three volume author index to periodical articles in the collection of the Marine Biological Laboratory Library at Woods Hole, Mass. Compiled by Dr. Mary Sears of the Woods Hole Oceanographic Institution. Literature is covered back to the turn of the century or earlier. This index serves as a supplement to the Catalog of the Marine Biological Laboratory, see no. 199.

173 **Oceanographic Index, Regional Cumulation**

1946-1970
Ref Z6004 P6 S436

Boston, G.K. Hall, 1971.
One volume regional index to periodical articles in the collection of the Marine Biological Laboratory Library at Woods Hole, Mass. Compiled by Dr. Mary Sears. See above reference for further comments.

174 **Oceanographic Index, Subject Cumulation**

1946-1971
Ref Z6004 P6 S44

Boston, G.K. Hall, 1972.
Four volume subject index to periodical articles in the collection of the Marine Biological Laboratory Library at Woods Hole, Mass. See no. 172 for further comments.

175 **Pesticides Documentation Bulletin** v.1-5 1965-1969; v.1 1970.

Silver Springs, Md., Network Information Services, Inc. (from 1965-69 published by U.S. Dept. of Agriculture, National Agricultural Library)
Monthly; classified bibliography with emphasis on the "toxicological, physiological and epidemiological aspects of pests and their control by chemical, biological and integrated methods." Each issue has subject, author and organizational

indexes; cumulated indexes by author and subject are available through 1969. Subject outline:

Entomology
Crop protection
Livestock protection
Commodity protection
Environmental contamination
Residues
Toxicology
Plant physiology and biochemistry
Chemistry
Engineering
Industry

176 Pollution Abstracts v.1- May 1970-

La Jolla, Calif., Pollution Abstracts Inc.
Bi-monthly; classified bibliography with author and "key-talpha," key word subject, indexes. The abstracts are grouped into a "non-technical" and a "technical" section:

Non-technical	Technical
Air pollution	Air pollution
Water pollution	Fresh water pollution
Land pollution	Marine pollution
General pollution	Land pollution
	Noise pollution
	Sewage and waste treatment
	General pollution
	Contracts (topic, awardee, amount, date, subj. area of other contracts held by awardee)
	Patents

Each issue contains a "calendar of events," abbreviations, prefixes and symbols, and acronyms. A "master list" of serial publications, special publications and books appears in the first issue each year. Coverage is of all types of publication formats. Cumulated index available for 1970-71.

177 Public Affairs Information Service Bulletin
v.1- 1915-

N.Y., Public Affairs Information Service, Inc.
Weekly; subject index to journal articles, books, pamphlets,

government documents, etc. with an emphasis on economic and statistical aspects of public affairs. The index is cumulated quarterly and annually. Subject headings of interest:

Water pollution
Water resources development
Water research
Water supply
Watersheds

178 **Science Citation Index** 1964-

Philadelphia, Pa., Institute for Scientific Information.

Quarterly; calendar year index consisting of subject index, source index (personal and corporate author), and a citation index. The fourth quarterly issue is the annual cumulation. A five year cumulated source and citation index is available for 1965-69. This index is especially good for cross-disciplinary topics. Some fields covered: agriculture, biology, chemistry, ecology, fisheries, forestry, geology, geoscience and earth science, limnology, marine biology, meteorology, oceanography, physics, soil science, zoology. The indexing of footnotes, from journal articles covered by **Science Citation Index**, results in the "citation index" which enables one to learn whether or not a given reference is being used by researchers subsequent to its original publication. In this way a bibliography of references related to the original paper can be obtained very quickly. There is also a "patent citation index" listing domestic and foreign patents which are being cited in journals covered by **Science Citation Index**.

179 **Selected References on Environmental Quality as it Relates to Health** v.1- May 1970-

Wash., D.C., GPO. National Library of Medicine (MEDLARS)

Monthly; subject and author index to selected articles from 2,200 journals in the biomedical field. Emphasis is on hazards to vertebrates and the insect carriers of disease. Articles on air and water pollution are listed under general rather than specific headings. No cumulated indexing available. Subject headings of interest:

Environment
Environmental exposure
Environmental pollution
Marine biology

Pesticides
Sanitary engineering
Sewage
Tropical climate
Water pollution

180 Selected Water Resources Abstracts v.1- 1968-

Wash., D.C., GPO. U.S. Dept. of the Interior, Office of Water Resources Research, Water Resources Scientific Information Center.

Semimonthly; classified bibliography containing abstracts with subject, author, organization and accession number indexes; indexes are cumulated annually. Coverage includes books, journal articles, reports, and other types of publications dealing primarily with the "water related aspects of the life, physical and social sciences as well as related engineering and legal aspects of the characteristics, conservation, control, use or management of water." This service is valuable for the input from the 51 Water Resources Research Institutes which were established under the Water Resources Research Act of 1964, from the grantees and contractors of the Office of Water Resources Research and other Federal water resources agencies, from "centers of competence," which have active programs of water resources research, and from established indexing and abstracting services. This is the most valuable bibliography for water resources since 1968. Subject outline:

Nature of water
Water cycle
Water supply augmentation and conservation
Water quantity management and control
Water quality management and protection
Water resources planning
Resources data
Engineering works
Manpower, grants, and facilities
Scientific and technical information

181 Soils and Fertilizers v.1- 1938-

Farnham Royal, Bucks, England, Commonwealth Agricultural Bureaux.

Published six times per year; classified and annotated bibliography with author index. Annual cumulated author and

subject index. Includes periodically a list of bibliographies available from the Commonwealth Agricultural Bureaux; also includes a section of books; international in scope. Sections of interest:

8: Botany, ecology
7: Climate, geography, geology
26: Reclamation and conservation, drainage, irrigation
17: Soil mapping and survey, land classification

For cumulated indexing see **Bibliography of Soil Science, Fertilizers and General Agronomy**, Ref Z5073 C76, no. 151 of this bibliography.

182 **Sport Fisheries Abstracts** v.1- 1955-

Wash., D.C., GPO. U.S. Dept. of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife.

Quarterly; annotated bibliography with author and subject indexes; indexes are cumulated in the last number of each volume, which also contains a list of publications screened. Emphasis is on research and management but "articles on limnology, ecology, natural history and other fields are included when applicable to the conservation and management of sport fishery resources." There is a cumulated index for v.11-15 by author and subject.

183 **Water Pollution Abstracts** v.1-46 1928-1973.

London, H.M. Stationery Office.

Monthly; classified bibliography with abstracts prepared by the Water Pollution Research staff of the Department of the Environment. Annual author and subject indexes are provided. Coverage includes books, journal articles, reports, and conference papers. Classified sections include:

Conservation
Analysis and examination of water and wastes
Sewage
Trade waste waters
Effects of pollution

Valuable for its international coverage; oldest English language abstracting service emphasizing water pollution.

184 **Wildlife Abstracts** 1935-51; 1952-55; 1956-60

Wash., D.C., GPO. U.S. Dept. of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife.

"A bibliography and index of the abstracts in **Wildlife Review**." Classified arrangement, not annotated, with author and subject indexes.

185 **Wildlife Review**, an abstracting service for wildlife management
v.1- 1935-

Wash., D.C., GPO. U.S. Dept. of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife.
Quarterly; classified and annotated bibliography of journal articles with author index. For cumulated indexing covering 1935-1960 see above reference, **Wildlife Abstracts**. Subject areas of interest:

- General conservation
- Wildlife
  - Natural areas and refuges
  - Pollution
  - Management and ecology of habitats and animals
    - Wetland & wildlife
    - Forest & ecology
  - Mammals
  - Birds
  - Reptiles & rodents

186 **World Agricultural Economics and Rural Sociology Abstracts**
v.1- 1959-

Oxford, England, Commonwealth Bureau of Agricultural Economics.
Quarterly; classified and annotated bibliography with author, subject and geographic indexes. Indexes cumulated annually. Starting with v.15,1973, the geographical indexes have been eliminated in each issue. Valuable for its international coverage. One can quickly scan for region by looking in subject index under water resources, water resources development, water resources distribution, water utilization, pollution, water. Subject sections covered (detail included when related to water resources research):

- Agricultural economics
- Agricultural policy
  - Land policy
    - Use and conservation
    - Survey and census methods
    - Location and regional policy

Structural policy
Infrastructure policy
Supply, demand and prices
Marketing and distribution
International trade
Finance and credit
Economics of production
Land
Improvement, irrigation, etc.
Cooperatives and collectives
Education, extension and research
Rural sociology

187 **World Fisheries Abstracts**, a quarterly review of technical literature on fisheries and related industries

v.1-23 1950-1972.

Publication ceased in 1972; fisheries material now included in **Aquatic Sciences and Fisheries Abstracts** (see no.147). The indexing consists of quarterly indexes by author and subject.

188 **Zoological Record** v.1- 1864-

London, Zoological Society of London.

Annual bibliography published in sections for each class from protozoa to mammals with a section for general zoology also. Each section has a separate title page, table of contents and indexes. The references are arranged by author. The most recent volume, v.107, covering the literature of 1970 (for the most part) began publication in 1973. Periodical literature is emphasized.

BIBLIOGRAPHIES OF BIBLIOGRAPHIES

There are so many specialized bibliographies that only a sampling will be included here. In order to locate the most pertinent bibliography the following sources would be helpful:

189 **Annotated bibliography of bibliographies on selected government publications** . . . Alexander C. Body. Kalamazoo, Western Michigan Univ., 1967. Ref Desk Z1223 Z7 B65

_____. Suppl. 1-3- 1968-72-

The 1967 volume contains bibliographies added to the collection of Western Mich. Univ. Document Library from May

1963-June 1967. Subject indexes are contained in the main volume and supplements.

190 **Bibliographic index, a cumulative bibliography of bibliographies.** N.Y., H.W. Wilson Co., v.1, 1937/42- 1945- 2 issues/yr. plus annual cumulation. Ref Z1002 B594

Subject index to bibliographies included in both books and journals; currently a bibliography must have 50 references in order to be indexed.

191 **Bibliography of bibliographies on water resources.** Olympia, Wash., State of Washington, Dept. of Ecology, Water Resources Information System, 1973. (WRIS information bulletin no.9)
Govt. Publ. Dept.
(47-W31[1].3:9)

192 **Monthly catalog of United States government publications.** 1928-
Govt. Publ. Dept.

also: cumulated index to the **Monthly catalog** 1951-1960.
Govt. Publ. Dept. Office

By consulting the index for each volume under the subject heading "Bibliographies" one can scan the different bibliographies covered by subject and or key word.

193 **Selected water resources abstracts.** 1968- semimonthly, cumulated annually. Ref Room

By consulting the index for each volume under the subject heading "Bibliographies" one can scan the different bibliographies covered by subject and or key word.

194 **Water Resources Scientific Information Center, WRSIC series.** Wash., D.C., U.S. Dept. of the Interior, Office of Water Resources Research, Water Resources Scientific Information Center, 1971- Irregular.

The **WRSIC series** is a series of bibliographies produced under the computer-retrieval program of the Water Resources Scientific Information Center. These bibliographies are indexed by **Selected Water Resources Abstracts, Government Reports Index** and the **Monthly Catalog of United States Government Publications.**

Titles published to date: Govt. Publ. Dept.

Published in 1971

1. Phreatophytes (I 1.97: 71-200)

2.	Strontium in water	71-201
3.	Trace elements in water	71-202
4.	Urbanization and sedimentation	71-203
5.	Copper in water	71-204
6.	Manganese in water	71-205
7.	Magnesium in water	71-206
8.	Zinc in water	71-208
9.	Arsenic and lead in water	71-209
10.	Institutional aspects of water resources development	71-210
11.	DDT in water	71-211
12.	Legal aspects of drainage in New England	71-212
13.	Legal aspects of water pollution in New England	71-213
14.	Detergents in water	71-214

Published in 1972

15.	Dieldrin in water	72-202
16.	Aldrin and endrin in water	72-203
17.	Agricultural runoff	72-204
18.	Chromium in water	72-205
19.	Legal aspects of water pollution in Delaware, Maryland, and Virginia	72-206
20.	Mercury in water	72-207
21.	Soil nitrogen cycle	72-208
22.	Lake Erie	72-209
23.	Lake Huron	72-210
24.	Lake Michigan	72-211
25.	Lake Ontario	72-212
26.	Lake Superior	72-213
27.	Sanitary landfills	72-214
28.	Urban water planning	72-215
29.	Avalanches	72-216
30.	Legal aspects of water pollution in New Jersey and Pennsylvania	72-217
31.	A selected annotated bibliography on the analysis of water resource systems, Third Volume	72-218
32.	Subsurface water pollution. See no. 258 of this bibliography	

Published in 1973

33.	PCB in water	73-201
34.	Artificial recharge of groundwater	72-202
35.	Estuarine pollution	73-205

64

36. Aeration of natural waters 73-206
37. Oil spillage, 2v. 73-207
38. Phosphorus removal, 2v. 73-208
39. Cadium in water 73-209
40. Aerial remote sensing 73-211
41. Weather modification: precipitation inducement 73-212
42. Irrigation efficiency 73-214
43. Water reuse, 2v. 73-215
44. Evaporation suppression 73-216
45. Use of naturally impaired water 73-217
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Ref Z6034 U49 C46 1958

Includes both PhD dissertations and masters' theses. Alphabetically arranged by author with geologic name and general indexes. Coverage is continued by nos. 282 to 284 of this bibliography.

288 **Comprehensive dissertation index 1861-1972.** Ann Arbor, Michigan, Xerox University Microfilms, 1973. 37v.
Ref Dept.

This unique index will be supplemented periodically. It consists of an author and subject approach to "virtually" all academic doctoral dissertations accepted in this country. Sources used in compiling this index: "Dissertation Abstracts International," "American Doctoral Dissertations," U.S. Library of Congress bibliography of dissertations covering 1912-1938, and direct information from all schools having doctoral programs prior to 1932 giving information on dissertations from the beginning of their programs up through 1935. Because CDI indexes "Dissertation Abstracts International," the foreign dissertations included there also appear.

A subject search must start with the appropriate general topic and then proceed to the use of keywords within that area, for

example: v.14: Health and Environmental Sciences, p.875 - Environmental Sciences - then by keyword to e.g. lake, lakes, limnological, limnology, marshes, ocean, ponds, precipitation, reservoirs, sediment, water, waters, watershed.

289 **Dissertation abstracts international.** Ann Arbor, Mich., University Microfilms, 1938- v.1- Ref Z5055 U5 A53

Previously called "Dissertation Abstracts," DAI is published monthly with author and keyword subject indexes, which are cumulated annually. It co. tains abstracts of doctoral dissertations from cooperating U.S. and foreign schools. A list of cooperating institutions is provided inside front and back covers of each issue. This list indicates date at which participation started. See above reference for cumulated indexing.

290 **Doctoral dissertations accepted by American universities.** 1933/34 - 1954/55. N.Y., H.W. Wilson Co., 1934-1955.
Ref Z5055 U49 D6

Continued by "American Doctoral Dissertations," no. 280.

291 **Masters' theses** (accepted by U.S. colleges and universities in the fields of chemical engineering, chemistry, mechanical engineering, metallurgical engineering, and physics) **in the pure and applied sciences.** 1955/56- West LaFayette, Indiana, Thermophysical Properties Research Center, Purdue University, 1957-
Ref QC251 P8 date

Arranged by discipline then alphabetically by school; no detailed subject index; includes Agricultural engineering, Chemistry, Civil engineering, Geology, Irrigation engineering, Marine engineering, Oceanography, and Sanitary engineering. References are not annotated.

292 **Theses on water submitted to universities in California through June 1969.** Mary Deane. Berkeley, Univ. of California, Water Resources Center Archives, 1971. (Archives series rpt. no. 22)
Ref Z7935 D4

Includes both PhD dissertations and masters' theses. Alphabetically arranged by author with an index including both place and subject.

293 **U.S. Library of Congress. Catalog Division. A list of American doctoral dissertations printed in 1912-1938.** Wash., D.C., GPO, 1913-1940. 27v. N.Y., Kraus Reprint Corp., 1965.
Ref Z5055 U49 U5

See no. 288 for cumulated indexing.

See also:

There are many other bibliographies of dissertations which might be of interest. Examples:

294 **A bibliography of dissertations in geography, 1901 to 1969: American and Canadian universities.** Clyde E. Browning. Chapel Hill, University of North Carolina, Dept. of Geography, 1970.
Ref Z6001 B89

Section 22 is on "Water Resources Geography." The bibliography is classified by subject with a geographic index.

295 **Bibliography of wildlife theses; bibliographie des theses des animaux de la survagarie, 1900-1968.** Julie Lee Moore. Los Angeles, Biological Information Service, 1970.
Ref Z7994 G3 M6

Both PhD dissertations and masters' theses are included in classified arrangement as outlined in detail in the table of contents. Author and keyword subject indexes are provided. Appendix B lists sources used in compiling the bibliography.

296 **A bibliography of dissertations, theses, and thesis alternatives in planning: 1965-1970.** William W. Ray. Monticello, Illinois, Council of Planning Librarians, 1971. (CPL exchange bibl. no. 220) Ref Z5942 C68 no. 220

No subject index.

297 **Graduate student research in planning, urban design, and urban affairs, 1970-1972.** William W. Ray and Shelly Lynch. Monticello, Illinois, Council of Planning Librarians, 1973. (CPL exchange bibl. no. 355) Ref Z5942 C68 no. 355

No subject index.

298 **Advances in ecological research** v.1- 1962-
London, New York, Academic Pr.
574.5082 Ad95

Advances in environmental science and technology
see **Advances in environmental sciences**

299 **Advances in environmental sciences** v.1- 1969-
New York, Wiley-Interscience
TD180 A38

300 **Advances in hydroscience** v.1- 1964-
New York, Academic Pr.
551.49082 Ad95

301 **Advances in marine biology** v.1- 1963-
London, New York, Academic Pr.
574.92082 Ad95

302 **Advances in water pollution research; proceedings of the international conference** 1st- 1962-
Washington, Water Pollution Control Federation
TD420 A27

303 **Oceanography and marine biology; an annual review**
London, Allen & Unwin v.1- 1963-
551.46 Oc2

304 **Progress in oceanography** v.1-3 1963-65
Oxford, New York, Pergamon Pr.
551.46082 P943

305 **Progress in water technology** v.1- 1972-
New York, Pergamon Pr.

v.1: Applications of new concepts of physical-chemical waste-water treatment. Edited by W.W. Eckenfelder and L.K. Cecil.

fTD511 A66 1972

v.2: Phosphorus in fresh water and the marine environment. Edited by S.H. Jenkins and K.J. Ives. (previously published in: Water research v.7, pts.1-2(1973))

QH545 P5 P47 1973

v.3: Water quality: management and pollution control problems. Edited by S.H. Jenkins. (Jerusalem workshop papers)

TD365 W377 1973

306 **Water. American Institute of Chemical Engineers**
1968-

New York, Am. Inst. Chem. Engrs.

TD365 A4

This publication is part of the Chemical engineering progress symposium series.

307 **Water Pollution Control Federation. Annual literature review** In: Water Pollution Control Federation. Journal. June issue.

The review is organized under the following topics: Nature and analysis of chemical species, Wastewater treatment, Industrial wastes, Water pollution, and Administration. The coverage includes literature from both foreign and domestic journals. This feature of the Journal has been in existance since the early 1930s, and in 1968 it took up the entire June issue. Our collection is as follows:

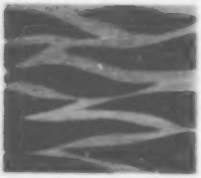
Water Pollution Control Federation. Journal
v.32- 1960-

formerly

Sewage and industrial wastes v.22-31 1950-59.

formerly

Sewage works journal v.1-21 1928-49.



308 Water Resources Information Network

Computer literature searches are available to the public through terminals located at the following three centers. The data base is that represented by Selected Water Resources Abstracts, provided by the U.S. Dept. of the Interior, Office of Water Resources Research, Water Resources Scientific Information Center, Wash., D.C.

309 Northeast Water Resources Information Terminal (NEWRIT)
Engineering Library
Cornell University
Ithaca, New York 14850
telephone A/C 607, 256-4318

310 Southern Water Resources Scientific Information Center
D.H. Hill Library
North Carolina State University
P.O. Box 5007
Raleigh, North Carolina 27607
telephone A/C 919, 755-2683

311 Water Resources Center
University of Wisconsin
1975 Willow Drive
Madison, Wisconsin 53706
telephone A/C 608, 262-3577

312 U.S. Geological Survey
Water Resources Division
National Water Data System
18th and F Streets, NW
Washington, D.C. 20242
telephone A/C 202, 343-9425

Card services; data collection and analysis; and reference service. Data base is records of observations from streamflow gauging stations, water quality measuring stations, and observation wells operated all over the country by the Geological Survey. Data covers "surface water state and discharge; chemical quality parameters; radiochemical sediment; pesticide and certain biological concentrations in water; ground and surface water levels; geologic data describing the framework in which ground water occurs; flood frequency and flood inundation mapping." Cf. Kurzas, "Encyclopedia of Information Systems and Services," p.848.

313 University of Rhode Island
New England Marine Resources Information Program
Narragansett Bay Campus
Narragansett, Rhode Island 02882
telephone A/C 401, 792-6211

Manual literature searches; reference and referral service. Data base is published literature and research reports; scope "marine resources development, including factors fostering or hindering development of food and drug resources, minerals, oil, shipping, recreation, research, education, ocean engineering, coastal zone development, and marine-related business." Cf. Kurzas, "Encyclopedia of Information Systems and Services," p.848.

Directories

Organizations, Agencies, Companies

314 **Conservation directory**. National Wildlife Federation. Washington, 1973. Ref SK361 N34

315 **Directory of environmental organizations for Connecticut, Maine, Massachusetts and New Hampshire, Rhode Island, Vermont.** U.S. Environmental Protection Agency, Region I. Boston, Mass., 1973. Govt. Publ. Dept. (76-N42.6:973)

316 **Directory of government agencies safeguarding consumer and environment**. 5th ed. Alexandria, Va., Serina Press, 1974. Govt. Publ. Dept. GPD HC110 C6 D5

Agencies are arranged alphabetically by state within sections on various subjects e.g. Land sales regulation, Water pollution control, Solid waste management. Jurisdictional maps are included at the end.

317 **Directory of national trade and professional associations of the United States and labor unions**. Edited by Craig Colgate, Jr. Wash., D.C., Columbia Books, Inc. Annual. Ref Desk HD2425 D53 date current ed.

Alphabetical arrangement with executive and key word indexes. Key words for example: Agronomy, Biology, Botany, Conservation, Consultants, Fish and fisheries, Geologists, Hydraulics, Limnology, Oceanography, Pollution, Sanitation, Water, Waterways.

318 **Directory of nature centers and related environmental education facilities**. National Audubon Society, Nature Center Planning

87

Division. New York, 1971. Ref QH51 N37

Alphabetically arranged by state giving brief description of programs offered and for what age group.

319 **Encyclopedia of associations.** 8th ed. Detroit, Gale Research Co., 1973. 3v. Ref Desk HS17 G334Z

v.1: National organizations of the United States.
v.2: Geographic and executive index.
v.3: New associations and projects.

320 **Encyclopedia of information systems and services.** Anthony T. Kruzas. Ann Arbor, Mich., Edwards Brothers, 1971.

Ref Desk AG521 K78

Alphabetical arrangement. A subject index is provided: e.g. Hydrology, Marine biology, Oceanography, Shores and beaches, Water pollution, Water resources, Water treatment, Waterways.

321 **Fishing industry index international 1971.** The international reference book and directory of the fishing and fish industries. London, Haymarket Publ. Ltd., n.d.

Ref SH401 F57

Contains chapters on: World developments, Communist countries, Multilingual dictionary of fish names, Encyclopedia of fish varieties, Fisheries research in 1969, Shellfish and crustaceans on the market. The directory section includes an international list of producers, processors, distributors and other related companies.

322 **National reference list of water quality stations, water year 1970.** U.S. Dept. of the Interior, Geological Survey, Water Resources Div. Wash., D.C., GPO, 1970. MC 70:14532

non-depository microprint

323 **1971 directory of national organizations concerned with land pollution control.** N.Y., Freed Pub. Co., 1971.

Ref TD173.5 N55

Alphabetical arrangement of organizations with a section of U.S. government executive departments and independent agencies.

324 **1971 directory of state agencies concerned with land pollution control.** N.Y., Freed Pub. Co., 1971.

Ref TD173.5 N57

325 **Scientific, technical, and related societies of the United States.** 9th ed. Wash., D.C., National Academy of Sciences, 1971.

Ref AS15 H3 9th 1971

326 **Water engineer's handbook 1973.** Edited by D. Wilkinson and N. Squire. London, Fuel and Metallurgical Journals Ltd., 1973.
Ref TD201 W33 1973

This directory lists water services reorganization in England, Wales, and Northern Ireland; water undertakings; waterworks statistics; lists of water related boards, authorities, etc.

327 **Water Pollution Control Federation directory.** In: Water Pollution Control Federation. Journal. March issue pt.2.

Includes list of consultant firms and companies that are members of the Federation.

328 **World directory of environmental organizations.** Annuaire mondial des organismes de l'environnement. Edited by Thaddeus C. Trzyna with the assistance of Eugene V. Coan, Patricia Rambach and Carol Weiss. Preliminary edition. Claremont, Calif., Sierra Club in association with the Center for California Public Affairs, 1973.
Ref S920 W67

People

329 **American men and women of science,** formerly American men of science. A biographical directory founded in 1906. Edited by the Jaques Cattell Press. 12th ed. The Physical and Biological Sciences. N.Y., London, Jaques Cattell Press/R.R. Bowker Co., 1971. 6v.
Ref Biog. Q141 A47

330 _____. **Discipline index, the physical and biological sciences.** N.Y., London, Jaques Cattell Press/R.R. Bowker Co., 1973.
Ref Biog. Q141 A47 index

331 **American Water Works Association. Directory of consultant members.** In: American Water Works Association. Journal. AWWA's Yearbook issue '73-'74 p. BG-39-BG67 (1973)

Alphabetical and geographical lists; foreign members included.

332 **Directory of faculty engaged in water research at Connecticut universities and colleges.** William C. Kennard and M.B. Williams. Storrs, Connecticut, Institute of Water Resources, University of Connecticut, 1972. (Report no. 17)
Govt. Publ. Dept.
(7-W29.3:17)

Faculty listed alphabetically and by institution.

333 **Directory of pollution control officials.** In: The Environment Index 73, p.32-41.

Gives "names and addresses of EPA regional administrators, interstate commissions, international commissions, and state pollution control officers." shelved with **Environment Abstracts**

334 **Directory of state control officials.** In: The Environment Index 72, p.36-43.

Gives names and addresses of officials of environmental control agencies of state governments. Arrangement is alphabetical by state within the subject areas: air pollution, pesticides, radiation, solid waste, and water pollution. This information will be updated in **Environment Information Access**, now entitled **Environment Abstracts**. shelved with **Environment Abstracts**

335 **Directory of the Water Pollution Control Federation.** In: Water Pollution Control Federation. Journal, March 1972, part 2. Published biennially. Serial stacks

Lists individual members and consultant members giving address, names of principal water pollution control engineers and other specialists, and types of services provided by each firm. Associate or corporate members and consultant members are listed each year in the March issue part 2.

336 **Who is publishing in science.** An international directory of research & development scientists. Philadelphia, Pa., Institute for Scientific Information, 1971- Annual.

Ref Biog. Q145 W567 date
Current ed.

Lists authors alphabetically with addresses. Also lists organizations with addresses and provides a geographic breakdown by author. This source is made up of first authors of papers covered by the various editions of Current Contents. Beginning in 1973 the names of authors and organizations publishing papers indexed by Science Citation Index are also included.

See also

Other biographical dictionaries for given countries or subject areas. Also helpful are membership directories for individual professional societies.

Examples:

337 **Who's who in America.** 37th ed. 1972-1973. Chicago, Ill., Marquis Who's Who, Inc., 1972. 2v. Ref Desk E663 W5b v.37

338 **Dictionary of scientific biography.** Edited by Charles Coulston Gillispie. N.Y., Charles Scribner's, 1970-
Ref Biog. Q141 D5 v.1-

Emphasis is on the history of science; excellent biographical information with extensive bibliographies of the individual's publications.

339 **American Fisheries Society. Membership directory.** 1972. Wash., D.C., American Fisheries Society, 1972.
Ref Biog. SH1 A534 1972

In order to learn how senators and congressmen have voted on water and/or environmental issues, one might consult:

340 **Ralph Nader Congress Project. Citizens look at Congress.** N.Y., Grossman, 1972. 9v. Ref JK1030 A3 R3

Contains profiles of senators and congressmen alphabetically arranged by state. Includes key floor votes.

Research Centers & Research Projects

341 **Annual directory of environmental information sources.** Edited by Charles E. Thibeau and Peter W. Taliaferro. 2d ed. Boston, Mass., National Foundation for Environmental Control, 1972.
Ref HC110 E5 A7 1972

Covers U.S. government agencies and departments, legislative committees, independent agencies, citizens, professional, trade, and educational organizations.

342 **Catalog of information on water data.** Indexes to the four sections: Water quality, Surface water, Ground water, and Areal investigations and miscellaneous water data activities. U.S. Dept. of the Interior, Geological Survey, Office of Water Data Coordination. Wash., D.C., GPO, 1970. 2v.
Govt. Publ. Dept.
(I 19.2:W29/13-970;12-970)

Shows where water data is being collected in the U.S. on a continuing basis: identifying and locating the agency station; type of site e.g. stream, lake, estuary; period of time that records have been kept; how data is stored; types of data recorded. Both federal and non-federal agencies are included.

This title began publication in 1966; new editions will be published as significant changes warrant them.

343 **Directory of hydrobiological laboratories and personnel in North America.** Edited by Robert W. Hiatt with the cooperation of Arthur D. Hasler, et al. Honolulu, Univ. of Hawaii Press, 1954.

Ref QH323 N6 H5

Alphabetical arrangement of laboratories giving scope of activity, major research and teaching facilities, equipment, scientific staff, financial support.

344 **Directory of information resources in the United States: water.** U.S. Library of Congress, National Referral Center for Science and Technology. Wash., D.C., GPO, 1966.

Ref Office TD211 U5

Alphabetical list of organizations and institutions engaged in fresh water research with subject and organization indexes. Areas of interest, holdings, publications, information services and other services are included. Commercial and profit making organizations are excluded.

345 **Directory of reclamation projects, divisions or units operated partly or entirely by water users.** Wash., D.C., U.S. Dept. of the Interior, Reclamation Bureau, 1968

MC 69:4907
non-depository microprint

346 **Directory of water pollution research laboratories.** Organization for Economic Cooperation and Development. Paris, 1965.

Govt. Publ. Dept.
(OECD - 2:D62)

347 **Hydraulic research in the United States, including contributions from Canadian Laboratories.** Edited by Gershon Kulin and Pauline H. Gurewitz. U.S. Dept. of Commerce, National Bureau of Standards. Wash., D.C., GPO. 1971. Biennial. (NBS special publ. 346)

Govt. Publ. Dept.
(C13.10:346)

Presents summaries of hydraulic and hydrologic research and other fluid mechanics research of related interest. University, state, federal, and industrial research is covered. A detailed subject index is provided and also a list of contributing laboratories. Earlier editions have been published annually from 1933-66 (with a few exceptions), and since then it has been published biennially.

92

348 **Industrial research laboratories of the United States.** Edited by Jaques Cattell Press. 13th ed. N.Y., London, Jaques Cattell Press/R.R. Bowker, 1970. Ref T176 J65

Alphabetical arrangement with personnel, geographic and subject indexes.

349 **Marine science in the United Kingdom 1967: a directory of scientists, establishments and facilities.** Compiled on behalf of the Royal Society's British National Committee for Oceanic Research with the cooperation of the Natural Environment Research Council. London, Royal Society, 1968.
Ref Q149 G7 M37

350 **Problem lakes in the United States.** Martha J. Ketelle and Paul D. Uttormark. U.S. Environmental Protection Agency, Office of Research and Monitoring. Wash., D.C., GPO, 1971.
Govt. Publ. Dept.
(EP1.16:16010 EHR 12/71)

Represents results of research on lakes in the U.S. A table is provided which shows by state and name of lake the surface area, type of problem and source of problem. The major section is entitled "Lake Descriptions," arranged by state and then lake name, and gives location, size, depth, problem and source, rehabilitation, background data, and comments. References, listed on p.277-282, are also arranged by state.

351 **Research centers directory.** Edited by Archie M. Palmer. 4th ed. Detroit, Gale Research Co., 1972.
Ref Desk AS25 D5 4th 1972

Classified arrangement by subject with alphabetical list of centers at the end.

Supplemented by:

New research centers, a periodic supplement to "Research Centers Directory." Edited by Archie M. Palmer. Detroit, Gale Research Co., no.1- June 1972-

352 **Water resources research catalog.** U.S. Dept. of the Interior, Office of Water Resources Research. Wash., D.C., GPO, 1965-
Govt. Publ. Dept.
(I 1.94:vol. & no.)

Includes research projects supported by federal and non-federal funds, and the 1973 ed., v.8 includes research from about 60 foreign countries also. The **Catalog** is published in two sections:

1. Project descriptions, which is classified as follows:
   Nature of Water
   Water cycle
   Water supply augmentation and conservation
   Water quantity management and control
   Water quality management and protection
   Water resources planning
   Resource data
   Engineering works
   Manpower, grants and facilities
   Scientific and technical information
2. Indexes, by subject, investigator, contractor, supporting agency.

353 **World directory of hydrobiological and fisheries institutions.** Edited by Robert W. Hiatt. Washington, American Institute of Biological Sciences, 1963.

Schools

354 **College blue book, v.3. Degrees offered by colleges and subjects.** 14th ed. N.Y., CCM Information Corp., 1972.

Ref Desk LA226 C685
14th ed 1972 v.3

This volume of the "College blue book" is a subject arrangement of degree programs. Under each subject area are listed schools which offer certified diplomas, associate, bachelor, masters, doctorate and other degrees. Subject areas for example: hydraulics, hydrogeology, limnology, water and air resources, water chemistry, water pollution technology, water quality and sanitation technology, water resources, water resources engineering, water technology, water treatment, water utility science, watershed management, watershed technology.

355 **Directory of degree programs related to conservation, ecology, environmental education, environmental science, outdoor education, and natural resources.** Compiled by Russel E. Bachert, Jr. Danville, Ill., Interstate, 1971. (Conservation Education Association. Education: Key to conservation no.7)

Ref S946 B33

356 **Guide to American graduate schools.** Herbert B. Livesey and Gene A. Robbins. 2d ed. N.Y., Viking, 1970.

Ref Desk L901 L5 1970

Subject sections of interest: Agriculture - Water sciences/ Engineering, Water resources, Watershed management, Water chemistry, Water management, Water quality, Water technology; Hydraulic engineering, hydrology; Engineering/Engineering sciences - Civil engineering, Geological/Geophysical engineering.

357 **A guide to graduate study, programs leading to the PhD. degree.** Edited by Robert Quick. 4th ed. Wash., D.C., American Council on Education, 1969. Ref Desk LB2371 A4 4th 1969

Subjects included: Hydraulics, limnology, oceanography, marine biology, marine sciences, water resources, water chemistry, water quality, water technology, watershed management, watershed resources, wildlife studies, wildlife biology, wildlife ecology.

358 **Graduate studies in water resources.** (Austin ?), Universities Council on Water Resources, 1970. Ref T73 U55 1970

Describes courses of study at colleges and universities in the U.S., types of degrees offered, and also person to contact for more information.

359 **World directory of environmental education programs, post-secondary study and teaching in 70 countries.** Prepared by the International Institute for Environmental Affairs in cooperation with the Institute of International Education. Edited by Philip W. Quigg. N.Y. & London, R.R. Bowker, 1973. Ref GF2[illegible]157 1973

See also: General directories of schools:

360 **American universities and colleges.** Edited by W. Todd Furniss. 11th ed. Wash., D.C., American Council on Education, 1973. Ref Desk LA226 A65 11th 1973

Descriptive information.

361 **Barron's guide to the two-year colleges.** R. William Graham. Completely revised and enlarged. Woodbury, N.Y., Barron's Educational Series, Inc., 1972. 2v. Ref L901 G73 1972

362 **Commonwealth universities yearbook 1973.** A directory to the universities of the Commonwealth and the handbook of their Association. London, The Association of Commonwealth Universities, 1973. Annual. Ref LB2310 Y5 1973

363 **Education directory 1972-73, higher education.** U.S. Dept. of Health, Education, and Welfare, Office of Education, National Center for Educational Statistics. Wash., D.C., GPO. Annual.
Ref Office

Basic data including names of top administrative officials.

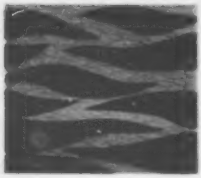
364 **International handbook of universities, and other institutions of higher education.** 5th ed. Paris, The International Association of Universities, 1971. Ref L900 I58 1971

365 **Patterson's American education.** Mount Prospect, Ill., Educational Directories Inc. Annual. Ref L901 P3

Includes public and private high schools, colleges and universities and specialized schools.

366 **The world of learning 1972-73.** 23d ed. London, Europa Publications Ltd., 1972. 2v. Ref AS2 W6 1972-73

Includes a section on colleges and universities for each country; for many schools faculty are listed.



Selected federal government series

U.S. Dept. of **Agriculture.** Soil Conservation Service.

367 Soil conservation. Govt. Publ. Dept. (A57.9:vol.&no.)

U.S. **Army Engineers Corps.**

368 Water spectrum, issues, choices, actions (quarterly) (D103.48:vol.&no.)

U.S. **Environmental Protection Agency.**

369 Conference in matters of pollution of navigable waters, proceedings. (EP1.16^2:CT)

370 Ecological research series, EPA-R3. (EP1.23:nos.)

371 Environmental protection technology series, EPA-R2. (EP1.23^2:nos.)

372 Fish kills caused by pollution (annual) (EP2.24:date)

373 Socioeconomic environmental studies series, EPA-R5. (EP1.23^3:nos.)

374 Water pollution control research series. (EP1.16:nos.& letters) and (EP2.10:nos.& letters)

375 Water quality standards summary (for various states) (EP1.29:CT) non depository

U.S. **Geological Survey.**

376 Circular series (I 19.4^2:nos.)

377 Ground-water levels in the U.S. In: Water-supply papers

378 Quality of surface waters in the U.S. (annual) In: Water-supply papers

379 River basins of the U.S. series (I 19.56:CT)

380 Surface water supply in the U.S. In: Water-supply papers (I 19.13:nos.)

381 Techniques of water-resources investigations. (I 19.15[5]:bk.no.,chapt.no.)

382 Urbanization and water resources. In: Professional paper series (I 19.16:nos.)

383 Water in urban environments. In: Circular series (I 19.4[2]:nos.)

384 Water resources conditions in Connecticut (Ct. EPA) (monthly) (7.En8.6: yr. mo.)

385 Water resources review (monthly) non-depository item see Govt. Publ. Dept.

386 Water-supply papers. (I 19.13:nos.)

U.S. Dept. of the **Interior.**

387 Conservation bulletins. (I 1.72:nos.)

388 Saline water conversion reports (annual) (I 1.1[3]:date)

389 Saline water research and development progress reports. (I 1.88:nos.)

390 Water resources research catalog. (I 1.94:vol.&no.)

391 Water Resources Scientific Information Center: WRSIC series. (bibliography series) (I 1.97:nos.)

U.S. Bureau of **Reclamation.**

392 Research reports (I27.54:nos.)

393 Water and land resource accomplishments. (I27.55:date)

U.S. **Water Quality Office.**

394 Estuarine pollution study series. (EP2.19:nos.) and (I67.21:nos.)

395 General publications. (EP2.2:CT)

396 Northwest shellfish sanitation research planning conference, proceedings. (EP2.15:date) and (FS2.2:Sh46)

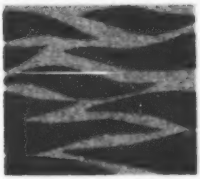
U.S. **Water Resources Council.**

397 General publications. (Y3.W29:2CT)

398 Joint hydrology – sedimentation bulletins. (Y3.W29:9/nos.) and (Y3.In8/8:9/nos.)

U.S. Office of **Water Resources Research.**

399 Annual report. (I 1.1/4:date)



400 WATER RESOURCES RESEARCH INSTITUTES PUBLICATIONS

Publications from the 51 Water Resources Research Institutes established under the Water Resources Research Act of 1964 are located in the Government Publications Department of the Library. Like most government documents they do not necessarily appear in the card catalog but are indexed by the **Monthly Checklist of State Publications** and **Selected Water Resources Abstracts.**

401 STATE AGRICULTURAL & ENGINEERING EXPERIMENT STATION PUBLICATIONS

These publications are handled by the Government Publications Department of the Library. In addition to their Bulletins an example of this type of publication is:

402 **Industrial Waste Conference, proceedings.** Indiana. Engineering Experiment Station, Engineering Extension Series.
Govt. Publ. Dept.
(14-En3.4[1]:1944) and
(14-En3.4:no.)

MAJOR WATER RESOURCE STUDIES

403 **Comprehensive water and related land resources investigation, Connecticut River Basin.** N.p., Connecticut River Basin Coordinating Committee, June 1970. 9v.
Govt. Publ. Dept.
(70-C34.2:C76 vol.)

Presents a plan for the "preservation, development, and management of the water and related land resources of the

Connecticut River Basin" which took six years to develop. Maps are included.

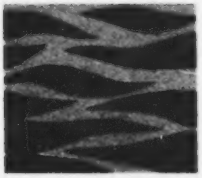
v.1: Main report
v.2: Appendix A. History of investigation
B. Economics
C. Hydrology
v.3: Appendix D. Water supply & water quality
E. Ground water resources
v.4: Appendix F. Water and related land resources management, use and development opportunities
v.5: Appendix G. Fish & wildlife resources
H. Outdoor Recreation
I. Electric power
v.6: Appendix J. State reports N.H., Vt., Mass., Ct.
v.7: Appendix K. Plan formulation
L. Navigation
v.8: Appendix M. Flood control
N. Mineral industry water requirements and mineral investigations at selected sites
v.9: Appendix O. History and environment
P. Estuary
Q. Subcommittee reports
R. Health Aspects
S. Mineral industry and resources

404 **North Atlantic regional water resources study.** Prepared by the North Atlantic Regional Water Resources Study Group, North Atlantic Div., U.S. Army Corps of Engineers for the North Atlantic Regional Water Resources Study Coordinating Committee. N.p., June 1972. 25v. Govt. Publ. Dept. (74-C73.6:R29)

This report "presents a comprehensive framework plan for the management of water, related land and other environmental resources in the NAR" and the findings and recommendations of the Committee. Maps are included. The main report and annexes are followed by 22 appendices:

A: History of study
B: Economic base
C: Climate, meteorology and hydrology
D: Geology and ground water
E: Flood damage reduction and water management for major rivers and coastal areas

F: Upstream flood prevention and water management
G: Land use and management
H: Minerals
I: Irrigation
J: Land drainage
K: Navigation
L: Water quality and pollution
M: Outdoor recreation
N: Visual and cultural environment
O: Fish and wildlife
P: Power
Q: Erosion and sedimentation
R: Water supply
S: Legal and institutional environment
T: Plan formulation
U: Coastal and estuarine areas
V: Health aspects



Serial lists

405 **Analysis of serials related to water resources.** Walter F. Johanningsmeier, Robert E. Frye and Robert F. Nasal. Wash., D.C., U.S. Dept. of the Interior, Office of Water Resources Research, Water Resources Scientific Information Center, 1969.

Ref TD201 J64

This report discusses and analyzes the 1634 serials identified as most pertinent to the water resources field. Appendix VIII, p.93-120 lists "Core water resources serials, by alternate definitions."

406 **Annual directory of environmental information sources.** Edited by Charles E. Thibeau and Peter W. Taliaferro. 2d ed. Boston, Mass., National Foundation for Environmental Control, 1972.

Ref HC110 E5 A7 1972

Contains a bibliography of "Serials and Periodicals" p.323-353.

407 **Current agricultural serials, a world list of serials in agriculture and related subjects (excluding forestry and fisheries) current in 1964.** Edited by Donald H. Boalch. Oxford, 1965-67. 2v.

Ref Desk Z5073 B68 v.1-2

408 **Serial publications held by the Marine Biological Laboratory Library and the Woods Hole Oceanographic Institution.** Woods Hole, Mass., Marine Biological Laboratory, 1965.

Ref Office Z7994 M33 W66

_____ . Supplement. 1970. Ref Office Z7994 M33 W66 suppl.

409 **Ulrich's international periodicals directory, a classified guide to current periodicals, foreign and domestic.** 15th ed., 1973-1974. N.Y., London, R.R. Bowker Co., Xerox, 1973.

Ref Desk Z6941 U5 15th 1973-74

Classified arrangement with title and subject index at the end. Sections of interest:

Conservation p.517-525
Earth sciences (including Oceanography) p.537-555
Environmental studies p.744-752
Water resources p.2093-2098

410 **World list of periodicals for aquatic sciences and fisheries.** Food and Agriculture Organization of the United Nations, Fisheries Division, Biology Branch. Rome, FAO, 1962. (FAO fisheries biology technical paper no.19 v.1)

Govt. Publ. Dept.
(FAO - 50:19 v.1)

See also:

Guides to the literature. These guides often list and discuss the periodicals and serials of a given field.

Indexing and abstracting services. These services usually list, at various intervals, the periodicals which they index. Examples:

Bibliography of North American Geology, 1969. publ. 1972. Serial list, p.VII - XLI.

Engineering Index. List of journals indexed is provided in the front of each volume.

Oceanic Abstracts. First issue each year lists journals covered by this source.

Pollution Abstracts. First issue each year lists journals covered by this source.

411 **Complete ecology fact book.** 1972. Appendix D – Conservation publications. A list of major regional, national and international publications dealing with ecology and conservation. Ref TD174 N6

412 WATER RESOURCES SERIALS
SELECTED LIST

This is a list of 181 titles identified by the Special Studies Dept. of Wolf Research and Development Corp. in 1969 as being "primary sci-tech serials with 66.6% or more of their original papers related to water resources." Their study was prepared for the Water Resources Scientific Information Center, Office of Water Resources Research, U.S. Dept. of the Interior, (see no. 405 of this bibliography). The titles have been arranged here as they would be

listed in the collection of the library at the University of Connecticut; departmental location, e.g. GPD for Government Publications Department and/or holdings are given. Title change information is provided for later titles but not for former titles.

Academie des Sciences. Comptes Rendus . . . 1, 1835-
Acta Hydrophysica
Agricultural engineering 12, 1931-
Agricultural meteorology 2, 1965-
Agricultural research GPD
Air and water pollution 1-10, 1958-66.
Alabama. University. Geological Survey. Information series
American Chemical Society. Journal 1, 1879-
American city 12, 1914-
American Institute of Chemical Engineers. AIChE symposium series see card catalog
American midland naturalist
American mineralogist 26, 1941-
American Society of Agricultural Engineers. Transactions n.s.1, 1958-
American Society of Civil Engineers, Environmental Engineering Division. Journal EE 99, 1973-
American Society of Civil Engineers, Hydraulics Division. Journal 82, 1956-
American Society of Civil Engineers, Irrigation and Drainage Division. Journal 82, 1956-
American Society of Civil Engineers, Sanitary Engineering Division. Journal 82-98, 1956-72. Continued by: American Society of Civil Engineers, Environmental Engineering Division . . .
American Society of Civil Engineers, Waterways and Harbors Division. Journal 82-96, 1956-70.
American Society of Civil Engineers, Waterways, Harbors and Coastal Engineering Division. Journal 96, 1970-
American Society of Mechanical Engineers. Journal of engineering for power 32, 1960-
The analyst 1, 1876-
Analytical chemistry 22, 1950-
Archiv fur hydrobiologie 12, 1920-
Arizona. State Land Dept. Water resources report
Atmospheric and oceanic physics

Bioscience 15, 1965-
British Waterworks Association. Journal 45-50, 1963-68.

British water supply 1, 1969-

California. Department of Water Resources. Bulletin GPD
California. State Water Resources Control Board. Publication GPD 8, 1951-
California. University. Water Resources Center contribution GPD
California fish and game GPD 1929-
Canada. Water Resources Branch. Water resources papers GPD
Canadian journal of zoology 29, 1951-
Chemical engineering progress symposium series see card catalog under American Institute of Chemical Engineers. AIChE symposium series
Chemical engineering science 1, 1951-
Chemical Society, London. Journal Faraday Transactions 1 and 2 68, 1972-
Chemistry and industry 56, 1937-
Chimie et industrie 1, 1918-
Civil engineering 1, 1930-
Colorado. State University. Hydrology papers
Connecticut. Water Resources Commission. Bulletin GPD 1-

Deep-sea research and oceanographic abstracts 9, 1962-
Desalination (Amsterdam) 1, 1966-
Deutsche Gewasserkundliche Mitteilungen

L'eau
Eaux et industries
Ecology 1, 1920-
Effluent and water treatment journal
Endeavour 1, 1942-
Environmental geology notes
Environmental science and technology 1, 1967-

Faraday Society. Transactions 1-67, 1905-71. Continued by Chemical Society, London. Journal Faraday Trans. . . .
Filtration and separation
Florida. State Board of Conservation. Report of investigation

Geochimica et cosmochimica acta 1, 1950-
Geographical bulletin
Geological Society of America. Bulletin 1, 1890-
Gidrozeknicheskoye stroitelstvo
Ground water 1, 1963-
Ground water age

Health physics 2, 1959-
Hydrogiologia
Hydrological sciences bulletin 17, 1972-
Hydrological year book of Isreal
Hydrology symposium, proceedings
Hydrotechnical construction 1967-71.
Hygiene and sanitation

Illinois. Geological Survey GPD
Illinois. University. Agricultural Experiment Station. Bulletin GPD
Illinois. Water Survey Division. Report of investigations GPD
Illinois. Water Survey Division. Technical report
Indian journal of power and river valley development
Indiana. Geological Survey. Special report
Industrial water engineering 1, 1964-
Institute of Sewage Purification. Journal and Proceedings 1965-66. Continued by Water pollution control
Institution of Public Health Engineers. Journal 64-71, 1965-72. Continued by Public health engineer
International Association of Scientific Hydrology. Bulletin 10-16, 1965-71. Continued by Hydrological sciences bulletin
International Grasslands Congress. Proceedings see card catalog
Iowa farm science GPD 1, 1946-
Irrigation age
Irrigation and power

Journal of animal ecology 1, 1932-
Journal of applied meteorology 2, 1963-
Journal of chemical physics 1, 1933-
Journal of colloid and interface science 21, 1966-
Journal of ecology 1, 1913-
Journal of geology 1, 1893-
Journal of geophysical research 54, 1949-
Journal of hydrology 2, 1964-
Journal of petroleum technology 1, 1949-
Journal of physical chemistry 1, 1896-
Journal of scientific instruments 1, 1923/24- title varies
Journal of sedimentary petrology 1, 1931-
Journal of soil and water conservation 20, 1965-
Journal of the atmospheric sciences 19, 1962-

Kansas. State Water Resources Board. Technical report GPD

Land and water contracting

Limnology and .ceanography 1, 1956-
Limnos
Los Angeles County Flood Control District. Hydraulic and Water Conservation Divisions. Report on hydrologic data

Marine biology 1, 1967-
Massachusetts. University. Agricultural Experiment Station. Bulletin GPD
Michigan. University. Great Lakes Research Division. Publications see card catalog
Mississippi. Board of Water Commissioners. Bulletin
Mississippi Water Resources Conference. Proceedings see card catalog

National parks and conservation 44, 1970-
National parks magazine 34-44, 1960-Mar.1970. Continued by National parks and conservation
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National resources journal 1, 1961-
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Nature (London) 1, 1869-
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Nevada. Department of Conservation and Natural Resources. Water resources bulletin
New England Water Works Association. Journal 31, 1917-
New Jersey. State Department of Health. Public health news
New Mexico. State Bureau of Mines and Mineral Resources. Report
New Mexico. State Engineer. Technical report
New South Wales. University. Water Research Laboratory. Report see card catalog
New York. Power Authority. Annual report GPD
North American Wildlife and Natural Resources Conference. Transactions SK351 N872 1, 1936-
North Carolina. Division of Ground Water. Bulletin
North Dakota. State Water Conservation Commission. County ground-water studies
Northwest pacific builder and engineer
Nuclear safety GPD 1, 1959-

Oesterreichische Wasserwirtschaft

Pan American Sanitary Bureau. Boletin
Parks and recreation 1, 1966-
Plant physiology 1, 1926-
Polskie archiwum hydrobiologii
Power 23, 1961-
Power engineering 54-76, 1950-72.
Public health engineer 1973-
Public works 48, 1920-
Pulp and paper magazine of Canada

Radiological health data and reports GPD 2, #4, 1961-
Republic of South Africa. Report of the Secretary of Water Affairs
River Murray Commission Report
Russian journal of inorganic chemistry 11, 1966-

Schweizerische zeitschrift fur hydrologie
Science 1883-87; 1896-
Societe Geologique de France. Compte Rendu Sommaire des Seances 1911-12; 1943-
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Soil science 1, 1916-
Soil Science Society of America. Proceedings 22, 1958-
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South Dakota. Geological Survey. Bulletin GPD
Southwest waterworks journal
Soviet hydrology: selected papers 1962-
Sport Fishing Institute. Bulletin

Tasmania. Department of Mines. Underground water supply paper
Technique de l'eau et de l'assaintssement
Texas. Water Development Board. Report GPD

U.S. Army Corps of Engineers. Flood plain information
U.S. Bureau of Reclamation. Research report GPD
U.S. Department of Agriculture. Agricultural Research Service GPD see Agricultural research
U.S. Geological Survey. Water-supply paper GPD
U.S. National Weather Service. Technical paper GPD
U.S. Office of Saline Water. Research and development progress report GPD
Utah. Geological and Mineralogical Survey. Water resources bulletin

Victoria. State Rivers and Water Supply Commission. Annual report
Vizugyi kozlemanyek

Wasser und Energiewirtschaft/cours d'eau et energie
Wasserwirtschaft - Wassertechnik
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Water and sewage works 93, 1945-
Water and waste treatment
Water and wastes engineering 3, 1966-
Water and water engineering
Water pollution control 67, 1968-
Water Pollution Control Federation. Journal 32, 1960-
Water power
Water research 1, 1967-
Water Research Association. Annual report
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Water resources bulletin 3, 1967-
Water resources journal (U.N.)
Water Resources. Reconnaissance series report
Water resources research 1, 1965-
Water well journal 21-26, 1967-72.
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AUTHOR INDEX

Affsprung, H.E. 61
Allen, E. 80
Anderson, K.E. 77
Bachert, R.E. Jr. 355
Baker, B.B. 26
Barker, J.A. 64
Barkley, R.A. 113
Bennett, E.B. 112
Berg, J.C. 52
Blanchard, J.R. 1
Boalch, D.H. 407
Boby, W.M.T. 75
Body, A.C. 189
Bond, R.G. 41
Brater, E.F. 49
Browning, C.E. 294
Bue, C.D. 90
Buetikofer, L.B. 227
Bumpus, D.F. 114 folio 7
Burnham, C.W. 67
Campbell, M.D. 78
Carlson, R.F. 264
Cecil, L.K. 305 v.1
Chamberlin, J.L. 114 folio 3
Chase, E.B. 60
Chow, Ven Te 47
Christian, S.D. 61
Chronic, H. 287
Chronic, J. 287
Ciaccio, L.L. 68
Coan, E.V. 328
Cohen, J.M. 250
Colgate, C. Jr. 317
Collins, R.S. cartographer 112
Colton, J.B. Jr. 114 folio 21
Crook, C.B. 203
Davis, C.V. 46
Davis, N.F. 67
Dean, R.D. 271
Deane, M. 292
Deebel, W.R. 26
Deedy, J. 42
Dees, L.T. 238, 242
Deike, R.G. 228
Denny, L.M. 204
Ditton, R.B. 246, 247
Dougherty, V.M. 230
Dunbar, M.J. 114 folio 6
Eckenfelder, W.W. 305 v.1
Edelman, C.H. 266
Eeuwens, B.E.P. 266
Ehlers, V.M. 55
Eisler, R. 249
Ellis, H.H. 233
El-Sayed, S.Z. 114 folio 22
Evans, F.L. 250
Fabuss, B.M. 66
Fairbridge, R.W. 19, 20, 23
Feth, J.H. 225
Firth, F.E. 22
Fisher, J.S. 265
Fisher, L.R. 114 folio 13
Forbes, L. 243
Fraser, J.H. 114 folio 8
Frauendorfer, S. von 2
Frits, R.L. 114 folio 10
Frye, R.E. 405
Furniss, W.T. 360
Geisenderfer, R.D. 26
Georgi, C. 80
Geraghty, J.J. 116
Gillispie, C.C. 338
Giefer, G.J. 275
Graham, R.W. 361
Grainger, E.H. 114 folio 5
Gresswell, K. 31
Groves, D.G. 25
Growitz, D.J. 218
Guillen G., Oscar 110
Gurewitz, P.H. 347
Gysi, M. 272
Hall, A.B. 213
Hamilton, H.R. 267
Hanson, R.L. 91
Harbeck, G.E. Jr. 91
Hartman, C.W. 264
Hasler, A.D. 343
Hawley, A.J. 279
Henderson, D. 64
Hiatt, R.W. 343, 353
Hinote, H. 263
Hollick, A.L. 232
Holloway, J.R. 67
Horton, J.S. 209
Hoven, E.E. 215
Humphrys, C.R. 28, 34
Hunt, L.M. 25
Huxley, A. 31
Ingram, W.M. 253, 260, 261
Ingram, W.T. 24
Ives, K.J. 305 v.2
Jacobstein, J.M. 235
James, G.V. 74
Jenkins, R.M. 285
Jenkins, S.H. 305 v.2 and v.3
Johanningsmeier, W.F. 405
Johnson, A.I. 211, 224
Johnson, I.K. 239

Johnston, R. 114 folio 8 and 11
Jones, P.G.W. 114 folio 11
Kam, W. 218
Kaplan, S.R. 13
Karrenberg, H. 109
Kaupert, W.E. 33
Kennard, W.C. 265, 332
Kennedy, T.F. 107
Ketelle, M.J. 350
King, H.W. 49
Kolupaila, S. 229
Korosi, A. 66
Korringa, P. 114 folio 17
Kron, V.B. 230
Kruzas, A.T. 320
Kulin, G. 347
Laevastu, T. 114 folio 4
Lauzier, L.M. 114 folio 7
Lawson, B.R. 105
Lehr, J.H. 78
Lewis, R.D. 214
Lindeke, W. 32
Livesey, H.B. 356
Lohman, S.W. 16
Loucks, D.P. 272
Love, C.M. 108
Lumb, F.E. 114 folio 9
Lund, H.F. 51
Lutz, G.J. 257
Lynch, S. 297
McDonald, R. 6
McKee, J.E. 134
MacKenthum, K.M. 260, 261
McKetta, J.J. Jr. 36
McLean, J. 80
Macy, P.T. 239
Magin, G.B. Jr. 210
Mark, H.F. 36
Martin, R.G. 286
Martin, R.O.R. 91
Mauchline, J. 114 folio 13
Mazeika, P.A. 114 folio 16
Mechalas, B.J. 72 v.4
Meglis, A. 236
Megregian, S. 139
Meinck, F. 17
Meinzer, O.E. 219
Meredith, D.D. 227
Mermel, T.W. 58
Merritt, F.S. 62
Mersky, R.M. 235
Mesnier, G.N. 60
Miller, D.W. 116
Mitchell, B. 216, 278
Mitchell, J. 278
Möhle, H. 17
Moore, J.L. 295
Moulton, E.Q. 248
Murphy, R.C. 114 folio 14
Murphy, T.A. 251
Nader, R. 340
Nasal, R.F. 405
Nobile, P. 42
Nordell, E. 76
O'Callaghan, T.C. 283
Ostvold, H. 1
Othmer, D.F. 36
Painter, R.H. 4
Palange, R.C. 139
Palmer, A.M. 351
Palmer, W.C. 204
Pangborn, M.W. Jr. 124, 241
Parsons, S.A.J. 7
Parsons, T.R. 53
Pearl, R.M. 12
Pequegnat, W.E. 114 folio 20
Pfannkuch, H. 18
Pinther, M. cartographer 112
Pyle, R.L. 114 folio 1
Quick, R. 357
Quigg, P.W. 359
Quinn, M.L. 275
Radcliffe, D.R. 251
Radosevich, G.E. 234
Rambach, P. 328
Randall, L.E. 210
Randolph, J.R. 228
Ray, W.W. 296, 297
Rhodehamel, E.C. 230
Riley, G.A. 237
Robbins, G.A. 356
Robinson, T.W. 211
Rochford, D.J. 112
Romanov, N.S. 212
Sandoski, D.A. 273
Santoro de Ycaza, J. 110
Sarnoff, P. 30
Schamus, J.J. 202
Schildhauer, C. 10
Schneider, W.J. 96
Schroeder, E.H. 114 folio 2
Schultz, V. 206
Sears, M. 172-174
Signor, D.C. 218
Sinha, E. 254, 255
Sloss, G.J. 207
Smith, R.C. 4
Solt, G.S. 75
Spiegel, Z. 223
Spinner, G. 114 folio 18
Squire, N. 326
Squires, H.J. 114 folio 12

Stearns, F. 114 folio 3
Steel, E.W. 55, 73
Stevens, J.C. 50
Stevenson, M.R. 110
Stewart, R.K. 261
Stoddard, R.R. 114 folio 21
Straub, C.P. 41
Strickland, J.D.H. 53
Summers, W.K. 223
Swift, L.H. 3
Tagatz, M.E. 213
Taliaferro, P.W. 9
Thibeau, C.E. 9
Thomas, N.O. 91
Tihansky, D.P. 252
Titelbaum, O.A. 27
Todd, D.K. 38, 217, 275
Tompkins, D.L.C.C. 274
Troise, F.L. 116
Trzyna, T.C. 328
Turney, J.R. 233
Uttormark, P.D. 350
Van der Leeden, F. 116, 221
Van Campen, W.G. 215
Veatch, J.O. 28, 34
Vollmer, E. 21
Vorhis, R.C. 220
Walford, L.A. 114 folio 15
Ward, D.C. 11, 282-284
Waring, G.A. 219
Warner, T.B. 43
Wasserman, P. 5, 80
Weiss, C. 328
Wellisch, H. 8, 276
Wheeler, M.W. 11
Whicker, F.W. 206
White, G.C. 48
Wicklund, R.L. 114 folio 15
Wiegel, R.L. 35
Wilkinson, D. 326
Williams, J.R. 222
Williams, M.B. 332
Wilson, C. 271
Wolf, H.W. 134
Worthington, L.V. 114 folio 19
Wright, W.R. 114 folio 19
Wyrtki, K. 112
Yee, J.E. 256
Yentsch, A.E. 244
Zon, R. 268

Abstracts of North American Geology 142
Abstracts of Recent Published Material on Soil and Water Conservation 143
Activation analysis in pollution analysis, bibliography 257
Advances in Ecological Research 298
Advances in Environmental Sciences 299
Advances in Hydrosciences 300
Advances in Marine Biology 301
Advances in Water Pollution Research 302
Aeration of Natural Waters – bibliography 194 (36)
Aerial Remote Sensing – bibliography 194 (40)
Agave plantations – maps 120
Agricultural Experiment Station publications 401
Agricultural Statistics 98
Agriculture – bibliography 197
Agriculture – guide to the literature 1, 2
Agriculture – indexing and abstracting services 149, 153, 169, 186
Agriculture – serials list 407
Agriculture – world atlas 119, 120
Alaska – water resources – maps 111, 116
Aldrin and Endrin in Water – bibliography 194(16)
American Fisheries Society – directory 339
American Public Health Association – standards 126, 127
American Society for Testing and Materials – standards 128
American Society of Civil Engineers – indexes to publications 144, 145
American Society of Civil Engineers ASCE Publications Abstracts 145
American Water Works Association – directory 331
American Water Works Association – standards 129
Amphipods (pelagic) distribution in North Atlantic and Arctic waters 114 folio 6
Antidegradation – standards 133
Applied Science and Technology Index 146
Aquatic life – effects of chemicals on 72 v.3
Aquatic sciences – indexing and abstracting services 147, 157
Aquatic sciences and fisheries – periodicals 410
Aquatic Sciences and Fisheries Abstracts 147
Arable land – maps 120
Arctic Bibliography 262
Arctic water resources bibliography 264
Areal investigations and data collection – directory 342
Areal runoff (Water-supply papers list) 96
Arsenic and Lead in Water – bibliography 194(9)
Associations, societies – directories 317, 319, 325
Asteroidea – geographic survey 114 folio 5
Atlantic ocean, average monthly sea-water temperatures from Nova Scotia to Long Island, 1940-59 114 folio 21
Atlantic ocean, monthly temperature structure from Florida Keys to Cape Cod 114 folio 15
Atlantic ocean (tropical) mean monthly surface temperature and zonal anomalies 114 folio 16
Atlases and maps 105-120
Automated data processing in water resources investigations 65 book 7
Avalanches – bibliography 194 (29)

Bacteria – standards 133
Benefit – cost analysis, water resources bibliography 263
Benthic algae of Gulf of Mexico – serial atlas 114 folio 22
Bibliography and Index of Geology 148
Bibliography of Agriculture 149
Bibliography of bibliographies 189-194
Bibliography of Bibliographies on Water Resources 191
Bibliography of North American Geology 150
Bibliography of Soil Science, Fertilizers and General Agronomy 151
Biographical dictionaries 329-340
Biological Abstracts 152
Biological and Agricultural Index 153
Biological control in water supply systems 41 v.3
Biological pollutants – handbook 134 chapt. VII
Botany – guide to the literature 3

Business literature – guide 5
Business Periodicals Index 154

Cadmium in Water – bibliography 194(39)
California, water plans – bibliography 274
Chemical Abstracts 155
Chemical engineering – masters' theses – bibliography 291
Chemical, physical and bacteriological analyses – U.S. surface waters 89
Chemical technology – encyclopedia 36
Chlorination – handbook 48
Chromium in Water – bibliography 194 (18)
Circular Series (U.S. Geological Survey) 376
Civil engineering – guide to the literature 6
Civil engineering – handbook 62
Civil engineering – indexes to ASCE publications 144, 145
Clam, Spisula polynyma (Stimpson) geographical study – serial atlas 114 folio 3
Climatological Data – by state 82
Climatological Data – national summary 83
Coastal engineering – beach erosion – guide to the literature 15
Coastal environment – dictionary 35
Coffee plantations – maps 120
Colleges and universities – directories 354-366
Conference on Matters of Pollution of Navigable Waters, Proceedings 369
Congressional Quarterly, Weekly Report 156
Connecticut River Basin – comprehensive water and related land resources study 403
Connecticut River Valley Water Resources Development Bibliography 270
Connecticut university and college faculty engaged in water resources research 332
Connecticut water resources bibliography 265, 277
Connecticut water resources conditions (Ct. EPA) 384
Connecticut Bulletins (U.S. Dept. of the Interior) 387
Conservation Directory 314
Construction Review 99
Continental shelf, surface circulation off eastern North America between Newfoundland and Florida 114 folio 7
Contracts in field of pollution 176
Copper in Water – bibliography 194(5)
Cornell University – literature search service 309
Cost analysis of water pollution control – bibliography 252
Cost analysis of water resources projects – bibliography 263
Crab, blue (Callinectes sapidus) – bibliography 213
Crabs, west coast – market review 104
Crop production data, 17 western states 94, 95
Crustacea (decapod) distribution in the Northwest Atlantic 114 folio 12
Crustacean, euphausiid (Meganyctiphanes norvegiva, M. Sars) distribution 114 folio 13
Crustacenas on the market 321
Current Bibliography for Aquatic Sciences and Fisheries 157
Current Contents 158
Current Geographical Publications 159

DDT in Water – bibliography 194(11)
Dams – U.S. 58
Data collection and analysis service of the U.S. Geological Survey 312
Decapoda of the Gulf of Mexico – serial atlas 114 folio 20
Deep-sea fauna of the Gulf of Mexico – serial atlas 114 folio 20
Deep-sea Research, Oceanographic Abstracts and Oceanographic Bibliography Section 160
Delaware, legal aspects of water pollution – bibliography 194(19)
Desalination – bibliography 201, 202
Detergents in water – bibliography 194(14), 250
Dieldrin in Water – bibliography 194(15)
Directories – organizations, agencies, companies 314-328
Directories – people 329-340
Directories – research 341-353
Directories – schools 354-366
Discharges (Water-supply papers list) 96
Dissertations and masters' theses – bibliographic sources 280-297
Drainage – bibliography 194 (12,17), 203
Drainage, acid mine – bibliography 248

Drainage area in square miles – at U.S. Surface Water Stations 85
Drainage area of U.S. reservoirs – map 91
Drainage areas – reservoirs 91
Drinking water – international standards (WHO) 136
Drinking water – manual for evaluation (U.S. EPA) 130
Drinking water – standards (U.S. PHS) 131
Drought – bibliography 204
Droughts (U.S.) – maps 111

EASTROPAC Atlas 108
Echinodermata, geographic survey – serial atlas 114 folio 5
Ecological Research Series (U.S. EPA) 370
Ecology handbook 42
Ecology and environment – theses – bibliography 281
Economics of water resources – indexing and abstracting services 143, 149, 154, 156, 162, 165, 169, 170, 176, 177, 180, 186
Economics of water resources – bibliography 267
Electric energy generated by water – statistics 92
Endrin in water – bibliography 194(16)
Engineering Experiment Station publications 401
Engineering Index 161
Engineering – indexing and abstracting services 144, 145, 146, 161
Engineering – guide to the literature 7
Environment – bibliography 205-207
Environment – dictionary 19,30
Environment – directory of degree programs 355
Environment – guide to the literature 9, 10
Environment – serials list 406
Environment Abstracts 162
Environment Information Access see **Environment Abstracts** 162
Environmental control – handbook 41
Environmental data collection in water resources investigations 65 book 2
Environmental education programs – world directory 359
Environmental organizations – directory 315, 316, 328, 341
Environmental Protection Technology Series (U.S. EPA) 371
Environmental Quality as it Relates to Health, Selected References on 179
Environmental Sciences – encyclopedic dictionary 19
Estuarine Pollution Study Series (U.S. Water Quality Office) 394
Estuary – bibliography 194(35), 208
Euphausiacea of the Gulf of Mexico – serial atlas 114 folio 20
Euphausids, distribution in North Atlantic and Arctic waters 114 folio 6
Europe, hydrogeological map 109
Europe land and water utilization bibliography 266
Eutrophication, a Bimonthly Summary of Current Literature 163
Evaporation – bibliography 211
Evaporation Suppression – bibliography 194(44), 210
Evapotranspiration – bibliography 209

Fish catch – statistical sources 80
Fish illustrations 100
Fish industry – guide to the literature 5
Fish killed by water pollution – statistical sources 80
Fish Kills Caused by Pollution (U.S. EPA) 372
Fish migration – maps 106
Fish names – list 106
Fish names (multilingual) list 321
Fish production and value – statistics sources 80
Fish supply – statistics sources 80
Fisheries – bibliography 212-215
Fisheries – business sources 5
Fisheries – guide to the literature 2, 5
Fisheries – indexing and abstracting services 147, 157, 159, 169, 182, 187
Fisheries institutions – directory 353
Fisheries research 321
Fishery biology theses – bibliography 285, 286
Fishery Statistics of the United States 100
Fishing industry – directory 321
Flood conditions 82, 83
Flood control, 17 western states 94
Flood losses – national summary 83
Flood stage data 82
Flood stages (Water-supply papers list) 96
Floods (U.S.) – maps 111
Floods – statistics sources 80
Fluoridated water – population using 92
Fluoridation – bibliography 216

Fluoride pollutants – determination 43
Forest relation to water and climate bibliography 268
Forestry – guide to the literature 2
Forests and jungles – maps 120
Fruit trees, vineyards, orchards – maps 120

Gardens, market gardens, nursery gardens – maps 120
Geochemistry and environmental sciences – encyclopedic dictionary 19
Geographic maps – indexes 121-123
Geography – indexing and abstracting services 159
Geography, water resources – bibliography of theses 294
Geologic maps – indexes 124, 125
Geology – guide to the literature 11-13
Geology – indexing and abstracting services 142, 148, 150, 164, 165, 169
Geology theses – bibliography 282-284, 287, 291
Geomorphology – encyclopedic dictionary 20
Geoscience Abstracts 164
Government Reports Announcements 165
Government Reports Index 166
Graduate Studies in Water Resources – directory 358
Grazing land – maps 120
Great Britain – water services reorganization directory 326
Ground water – bibliography 194 (34), 217-225
Ground water – dictionary 16
Ground-water Levels in the U.S. 377
Ground water, productive aquifiers and withdrawals from wells (U.S.) maps 111
Ground water seepage – guide to the literature 15
Ground water statistics (U.S.) directory 342
Groundfish species, autumn distribution in Gulf of Maine and adjacent waters 114 folio 10
Gulf of Mexico, chemistry, primary productivity and benthic algae – serial atlas 114 folio 22
Gulf of Mexico, deep sea fauna, decapoda and euphausiacea – serial atlas 114 folio 20

Harbor design – guide to the literature 15
Hydraulic engineering – business sources 5
Hydraulic Research in the U.S. 347
Hydraulics – business sources 5
Hydraulics – handbook 49
Hydraulics (applied) handbook 46
Hydraulics applied to water resources investigations 65 book 3
Hydraulics, soil and foundation engineering – encyclopedic dictionary 21
Hydrobiological laboratories in North America – directory 343, 353
Hydroelectric plants – economic statistics 101
Hydroelectric plants – list 101
Hydrogeological map of Europe 109
Hydrogeology – multilingual dictionary 18
Hydrographics – handbook 50
Hydrologic analysis and interpretation in water resources investigations 65 book 4
Hydrology – bibliography 226-230
Hydrology, applied – handbook 47
Hydrology – **Joint Hydrology, Sedimentation Bulletins** 398
Hydrometry – bibliography 229

Indexing and abstracting services 142-188
Indian ocean – oceanographic atlas 112
Industrial Arts Index 167
Industrial Waste Conference, Proceedings 402
Industrial water use – atlas 105
Industrial Pollution Control Handbook 51
Industrial Research Laboratories of the U.S. 348
Information systems and services – directory 320
Inorganic Chemical Pollutants of Freshwater 72 v.2
Instrumentation used in water resources investigations 65 book 8
Irrigation – bibliography 194(42), 231
Irrigation engineering – masters' theses – bibliography 291
Irrigation projects, 17 western states 94, 95

Joint Hydrology – Sedimentation Bulletins 398

Laboratory analysis in water resources investigations 65 book 5
Lake Erie – bibliography 194(22)
Lake Huron – bibliography 194(23)
Lake Michigan – bibliography 194(24)
Lake Ontario – bibliography 194(25)
Lake pollution – bibliography 254, 350
Lake Superior – bibliography 194(26)
Lakes – bibliography 90, 254, 350
Lakes – dictionary 28, 31
Lakes (Great) hydrology – bibliography 227
Lakes, results of research on problem lakes in the U.S. 350
Lakes, saline – description (U.S. Great Basin) 90
Lakes – statistics sources 80
Lakes, U.S. – description and depth data 90, 350
Land capacity – national inventory 81
Land pollution – directory of agencies 323, 324
Land use – national inventory (actual 1958, expected 1975) 81
Law – bibliography 194 (12, 13, 19, 30), 232-235
Lead in Water – bibliography 194(9)
Legislation, survey 162
Limnology – bibliography 194(22-26), 236-238
Limnology, Connecticut – bibliography 237
Limnology – indexing and abstracting services 147, 159, 163, 180, 183
Literature search services 309-311, 313
Lobster tails, spiny – market review 104
Lobsters, genus Homarus – bibliography 214
Lobsters, northern – market review 104

Magnesium in Water – bibliography 194(7)
Manganese in Water – bibliography 194(6)
Maps – indexes 121-125, 142
Marine Biological Laboratory – serials held 199 v.12, 408
Marine Biological Laboratory and Woods Hole Oceanographic Institution – library catalog 199
Marine engineering – masters' theses – bibliography 291
Marine environment – serial atlas 114
Marine expeditions – bibliography 198
Marine resources – encyclopedic dictionary 22
Maryland, legal aspects of water pollution – bibliography 194(19)
Masters' theses – bibliography 282-287, 291, 292, 295-297
Meadow and permanent grasslands – maps 120
Mercury and heavy metals – standards 133
Mercury in Water – bibliography 194(20)
Mercury, water pollution – guide to the literature 15
Metals, biological effect in aquatic environments – bibliography 249
Metals – standards 133
Meteorological and Geoastrophysical Abstracts 168
Meteorology of the North Sea – serial atlas 114 folio 9
Metropolitan water data 96
Micronutrients, analysis in sea water – manual 53
Minerals in water (U.S.) – maps 111
Monthly Catalog of United States Government Publications 169
Monthly Checklist of State Publications 170
Municipal water facilities (communities of 25,000 population and over as of Jan. 1, 1964) statistical inventory of public water supplies 87
Municipal Water Facilities – statistical inventory of public water supply 86
Municipal Yearbook – urban data and developments 88

Nature centers (Audubon) directory 318
Nevada – hydrologic atlas 117
New England, legal aspects of drainage – bibliography 194(12)
New England Marine Resources Information Program 313
New England water pollution – legal bibliography 194(13)
New Jersey, legal aspects of water pollution – bibliography 194(30)
New York – water quality standards 134 Appendix D
Nonagricultural land – maps 120
North American sea stars, geographic survey 114 folio 5
North Atlantic Ocean – surface temperature – serial atlas 114 folio 1
North Atlantic Ocean – temperature at depth of 200 meters – serial atlas 114 folio 2

North Atlantic Ocean – volumetric census of temperature and salinity – serial atlas 114 folio 19
North Atlantic Regional Water Resources Study 404
North Carolina - water quality standards 134 Appendix E
North Carolina State University – information service 310
North sea, surface water types 114 folio 4
Northeast Water Resources Information Terminal 309
Northwest Shellfish Sanitation Research Planning Conference 396
Nutrients (inorganic) in the North Sea – serial atlas 114 folio 11

Oceanic Abstracts 171
Oceanographic Index 172-174
Oceanographic industry – business sources 5
Oceanographic research – economic benefits 84
Oceanography – bibliography 239-245
Oceanography – dictionary 25, 26
Oceanography – encyclopedic dictionary 23
Oceanography – guide to the literature 14
Oceanography – indexing and abstracting services 147, 159, 160, 165, 168, 171, 172-174
Oceanography – institutions, agencies 26
Oceanography – masters' theses – bibliography 291
Oceanography and Marine Biology; an Annual Review 303
Oceans, living resources – atlas 106
Oil pollution, biological effect – bibliography 251
Oil Pollution of Marine Waters – bibliography 256
Oil Spillage – bibliography 194(37)
Organic Chemical Pollution of Freshwater 72 v.1
Organic chemicals – U.S. surface waters 89
Organic materials (particulate) – manual of sea water analysis 53
Oyster industry – business sources 5
Ozone in Water and Waste Water Treatment – bibliography 194(47)

PCB in Water – bibliography 194(33)
Pacific coastal waters, South America – marine atlas 110
Pacific islands – atlas 107
Pacific Ocean, eastern tropical oceanographic atlas 108
Pacific Ocean – oceanographic atlas 113
Parks – business sources 5
Pathfinders 15
Pelagic birds (North Atlantic) distribution 114 folio 14
Pennsylvania, legal aspects of water pollution – bibliography 194(30)
Periodicals, lists 405-412
Pesticide industry – business sources 5
Pesticides Documentation Bulletin 175
Pesticides – handbook 56, 134 chapt. IX
PhD dissertations – bibliography 280-290, 292-297
Phosphates – standards 133
Phosphorus Removal – bibliography 194(38)
Phreatophytes – bibliography 194(1)
Plankton populations – U.S. surface waters 89
Planning – theses – bibliography 296
Planning, urban – theses – bibliography 297
Planning, water resources – bibliography 194(28), 269, 271, 274
Pollution Abstracts 176
Pollution control handbook 51, 57
Pollution control officials 333, 334
Potential pollutants – handbook 134 chapt. VI
Potomac River Basin – water quality criteria for streams 134 Appendix O
Precipitation – maps 82
Precipitation inducement – bibliography 194(41)
Progress in Oceanography 304
Progress in Water Technology 305
Public Affairs Information Service Bulletin 177

Quality control – water and wastewater laboratories – handbook 45
Quality criteria – water supply and treatment 41 v.3
Quality of Surface Waters in the U.S. 378

Radioactivity determinations – U.S. surface water 89
Rainfall – statistics sources 80
Reclamation – indexing and abstracting services 169, 181

Reclamation projects – directory 345
Reclamation projects, 17 western states – statistical description 94, 95
Reclamation, U.S. Bureau of – Research reports 392
Reclamation, U.S. Bureau of - Water and Land Resource Accomplishments 94, 393
Recreation areas on reclamation projects, 17 western states 94, 95
Recreation – bibliography 246, 247
Recreation, water – maps U.S. 116
Recreation, water – quality 72 v.4
Recreational water supply and treatment 41 v.3
Reindeer grazing – maps 116
Reports – indexing and abstracting services 165, 166
Research – directories 341-353
Reservoirs, storage data 91
Reservoirs, U.S. – statistical data 91
Reservoirs, U.S. – usable capacity – maps 111
Reservoirs, use 91
Rhode Island Marine Bibliography 245
Rhode Island, University – New England Marine Resources Information Program 313
Rice fields – maps 120
River Basins of the U.S. – series 379
River conditions 82, 83
River pollution – bibliography 254
Rivers – dictionary 31
Rivers – statistics sources 80
Rubber plantations – maps 120
Runoff, areal (Water-supply papers list) 96
Runoff, agricultural – bibliography 194(17)
Runoff, urban storm water – bibliography 273

Saline water conversion – handbook 59
Saline Water Conversion Reports 388
Saline Water Research and Development Progress Reports 389
Saline water, thermophysical properties 66
Salinity intrusion – guide to the literature 15
Salmon industry – business sources 5
Sanitary engineering – masters' theses – bibliography 291
Sanitary engineering – multilingual dictionary 32
Sanitary Landfills – bibliography 194(27)
Sanitation – handbook 55
Sanitation industry – construction review – statistics 99
Sanitation industry – guide to the literature 5
Scallops – market review 104
Science and technology – encyclopedia 37
Science Citation Index 178
Sea water analysis – manual 53
Sea water temperatures – Nova Scotia to Long Island, 1940-59 114 folio 21
Sediment transport – guide to the literature 15
Sedimentation and urbanization – bibliography 194(4)
Sedimentation – **Joint Hydrology, Sedimentation Bulletins** 398
Selected References on Environmental Quality as it Relates to Health 179
Selected Water Resources Abstracts 180
Serial Atlas of the Marine Environment 114
Serial lists 405-412
Sewage and water works construction – economic data 102, 103
Sewage engineering – multilingual dictionary 17
Sewage facilities construction – economic data 102, 103
Shellfish and crustaceans on the market 321
Shellfish areas of Atlantic coastal zone – serial atlas 114 folio 18
Shellfish industry – guide to the literature 5
Shellfish Market Review and Outlook 104
Shellfish of the North Sea – serial atlas 114 folio 17
Shellfish Sanitation Research Planning Conference, Northwest – Proceedings 396
Shellfish Situation and Outlook – description and statistics 104
Shrimps – market review 104
Snow, sleet – statistics sources 80
Socioeconomic Environmental Studies Series (U.S. EPA) 373
Soil and foundation engineering – encyclopedic dictionary 21
Soil and water conservation – indexing and abstracting service 143

Soil and water conservation – statistics of the national inventory 81
Soil conservation – dictionary 29
Soil Conservation (U.S. Dept. of Agriculture) 367
Soil moisture – bibliography 168
Soil Nitrogen Cycle – bibliography 194(21)
Soil sciences – indexing and abstracting services 143, 149, 151, 181
Soils and Fertilizers 181
Southern Water Resources Scientific Information Center – information service 310
Spice plantations – maps 120
Sport Fisheries Abstracts 182
Standards 126-141
Standards – guidelines for developing and revising under the Federal Water Pollution Control Act amendments of 1972 138
Standards of water quality and purity, N.Y. 134 Appendix D
Standards – questions and answers 140
State agencies – water publications – bibliography 275
State publications – index 170
Statistical Abstract of the U.S. 92
Statistics – guide to the literature 79, 80
Stream flow in the U.S., 1931-60 (Water-supply papers list) 96
Stream (U.S.) chemical analysis, sediment transport, water temperature (Water-supply papers list) 96
Strontium in Water–bibliography 194(2)
Strontium 90, flow data – U.S. surface waters 89
Subsurface water pollution – bibliography 258
Sugar beet production on Federal Reclamation projects, 17 western states 95
Sugar cane plantations – maps 120
Surface water – records – index 85
Surface water – runoff – maps 111
Surface water – stations, U.S. – directory 342
Surface water supply in the U.S. 93
Surface water supply in the U.S. – map 93
Surface water supply (U.S.) stage data, discharge and content 93
Surface waters – quality 378

Tea plantations – maps 120
Techniques of Water-Resources Investigations of the U.S. Geological Survey 65
Temperature – standards 133
Thermal water pollution – guide to the literature 15
Thesauri 39, 40
Topographic maps – U.S., Geological Survey 115
Trace elements – serial atlas of the marine environment 114 folio 8
Trace elements in U.S. surface waters 89
Trace Elements in Water – bibliography 194(3)
Transpiration – bibliography 211
Tritium studies related to hydrology – bibliography 230
Tuna fish industry – guide to the literature 5
Tunas and tuna fisheries – bibliography 215
Tunas, tropical – atlas 108

U.S. Congress – Nader report 340
U.S. Dept. of the Interior – library catalog 196
U.S. Geological Survey – National Water Data System 312
U.S. Geological Survey – publications index 200
U.S. Government Printing Office – publications index 169
U.S. national atlas 111
U.S. Office of Water Resources Research – Annual Report 399
U.S. Water Quality Office – General Publications 395
U.S. Water Resources Council – General Publications 397
University of California, Water Resources Center Archives – library catalog 195
University of Rhode Island, New England Marine Resources Information Program 313
University of Washington, Fisheries-Oceanography Library – references on marine expeditions 198
University of Wisconsin, Water Resources Center – information service 311
Urban storm water runoff – bibliography 273
Urban water planning – bibliography 194(28)

Urbanization and Sedimentation – bibliography 194(4)
Urbanization and Water Resources 382
Utah – water quality standards 134 Appendix J

Virginia, legal aspects of water pollution – bibliography 194(19)

Waste disposal – dictionary 33
Waste products – business sources 5
Wastewater control engineering – dictionary 24
Wastewater treatment – activated sludge process – guide to the literature 15
Wastewater treatment – electrodialysis – guide to the literature 15
Wastewater treatment – foam fractionation – guide to the literature 15
Wastewater treatment – sedimentation – guide to the literature 15
Water – AICHE – annual 306
Water – business sources 5
Water – encyclopedia 38
Water – glossary 128
Water – handbook 41 v.3, 68, 69
Water – information resources in the U.S. – directory 344
Water – manual, ASTM 54
Water – personal consumption expenditures 92
Water – properties 61, 64
Water – statistics sources 79, 80
Water – thermophysical properties to 1,000°C and 10,000 bars 67
Water – theses submitted to universities in California – bibliography 292
Water and aqueous solutions – structure and properties 64
Water and Land Resources Accomplishments, 17 western states 94, 95
Water and sewage engineering – multilingual dictionary 17
Water and sewer programs – municipal yearbook 88
Water and wastewater laboratories – handbook, analytical quality control 45
Water and wastewater, standard methods for examination of 63
Water and water use – dictionary 34
Water atlas – U.S. 116
Water conservation – basic statistics of the national inventory 81
Water conservation – bibliography 266
Water conservation – business sources 5
Water conservation – dictionary 29
Water conservation – indexing and abstracting services 143
Water conservation – maps, U.S. 116
Water data – catalog of information 342
Water distribution systems – guide to the literature 15
Water in Urban Environments 383
Water impurities – maps, U.S. 111
Water law – maps, U.S. 116
Water levels and artesion pressure in observation wells, U.S. (Water-supply papers list) 96
Water, naturally impaired, use – bibliography 194(45)
Water pollution – bibliography 194(37, 38, 45), 248-261
Water pollution – biological filtration – guide to the literature 15
Water pollution – business sources 5
Water pollution – federal grant-in-aid programs 88
Water pollution – handbook 68
Water pollution – maps, U.S. 116
Water pollution – monitoring water quality – guide to the literature 15
Water pollution – oil containment – guide to the literature 15
Water pollution – radioactive materials – guide to the literature 15
Water pollution – standards/legislation U.S. 1965- – guide to the literature 15
Water pollution – statistics 92
Water Pollution Abstracts 183
Water Pollution Control Act (U.S.) 137
Water Pollution Control Federation – Annual Literature Review 307
Water Pollution Control Federation – directory 335
Water Pollution Control Research Series (U.S. EPA) 374
Water pollution research laboratories – directory 346
Water pollution surveillance system – data 97
Water power – business sources 5
Water power – statistics 92
Water purification – business sources 5
Water quality – maps, U.S. 116
Water quality and treatment – handbook 70
Water quality criteria 72, 133
Water quality criteria, California State Water Resources Control Board – handbook 134

Water quality criteria, report of the National Technical Advisory Commission on Water Quality Criteria, 1968 132
Water quality, national data collection program of the U.S. PHS 139
Water quality network 89, 97
Water quality network, national – statistical description of U.S. surface waters 89
Water Quality Standards Summary (for various states) 375
Water quality stations – directory 322, 342
Water resources – bibliography 194(10, 28), 195, 196, 262-277
Water resources – bibliography of bibliographies 191
Water resources – dictionary 27
Water resources – periodicals list 405, 409, 412
Water resources serials – analysis 405
Water resources, U.S. 111
Water Resources Abstracts, Selected 180
Water Resources Conditions in Connecticut (Ct. EPA) 384
Water resources development – business sources 5
Water Resources Development Map 118
Water resources engineering – indexing and abstracting services 8
Water Resources Information Network 308
Water-Resources Investigations of the U.S. Geological Survey 65
Water Resources Research Catalog 352
Water Resources Research Institutes' publications 400; indexed by 170, 180, 195, 275
Water Resources Review 385
Water Resources Scientific Information Center – WRSIC series 194
Water Reuse – bibliography 194(43)
Water solutions – interfacial properties 52
Water Spectrum (U.S. Army Engineer Corps) 368
Water supply – business sources 5
Water Supply and Sewerage – handbook 73
Water supply and treatment – handbook 41 v.3
Water supply, biological control 41 v.3
Water-supply Papers 386
Water transportation – statistics 92
Water treatment – handbook 41, 74-76
Water treatment systems – sanitation requirements (U.S. PHS) 134 Appendix Q
Water use – manufacturing – statistics 92
Water use – maps, U.S. 105, 111
Water use – municipal and industrial, 17 western states 94, 95
Water well handbook 44, 77, 78
Water works – business sources 5
Watershed – bibliography 278
Watershed projects, proposed 81
Waves, tides, currents and beaches – dictionary 35
Weather modification – bibliography 194(41)
Wells – handbook 44, 77, 78
Wells – water levels and artesian pressure records (Water-supply papers list) 96
Wetlands – bibliography 279
Wetlands, management and ecology – indexing and abstracting services 184, 185
Wetlands of the Atlantic coastal zone – serial atlas 114 folio 18
Wildlife Abstracts 184
Wildlife conservation – business sources 5
Wildlife Review 185
Wildlife theses – bibliography 295
Wisconsin, University – Water Resources Center – information service 311
Woods and forests – maps 120
World Agricultural Economics and Rural Sociology Abstracts 186
World Atlas of Agriculture 119, 120
World Fisheries Abstracts 187

Zoological Record (indexing service) 188
Zoology – guide to the literature 4